



Replacement Sheet

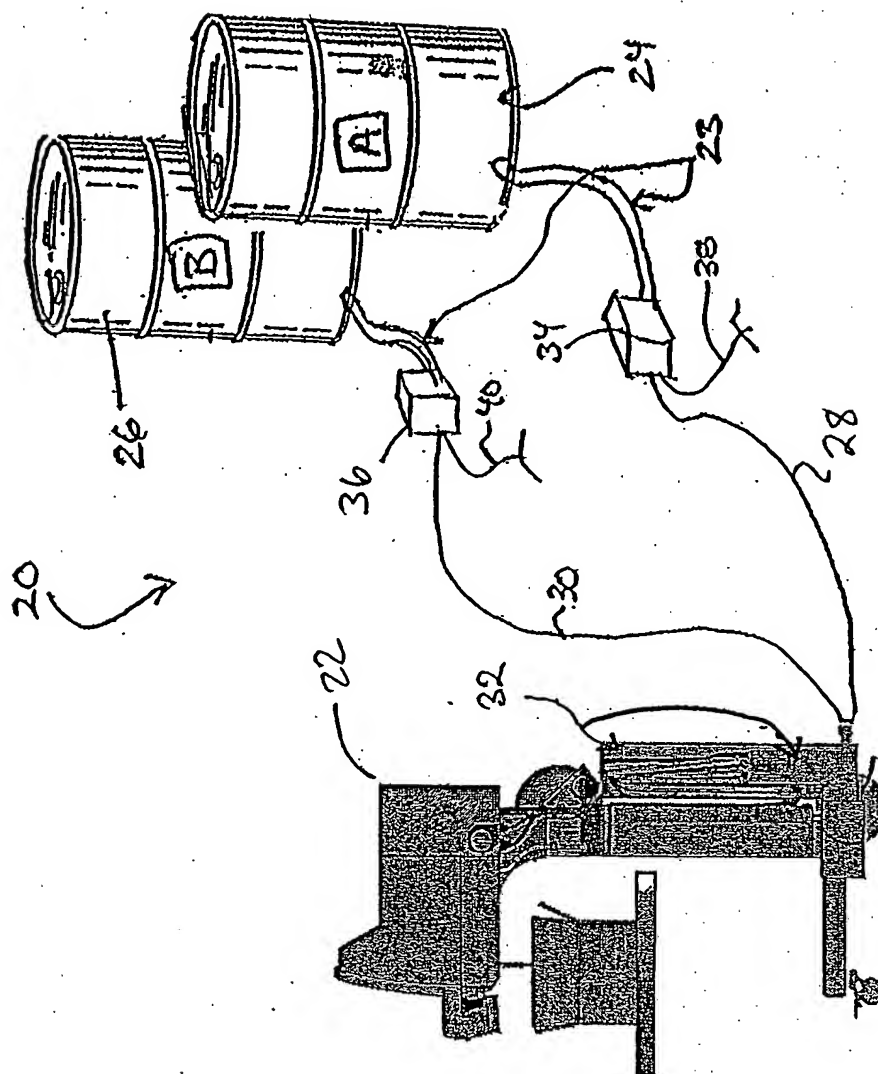


FIG. 1

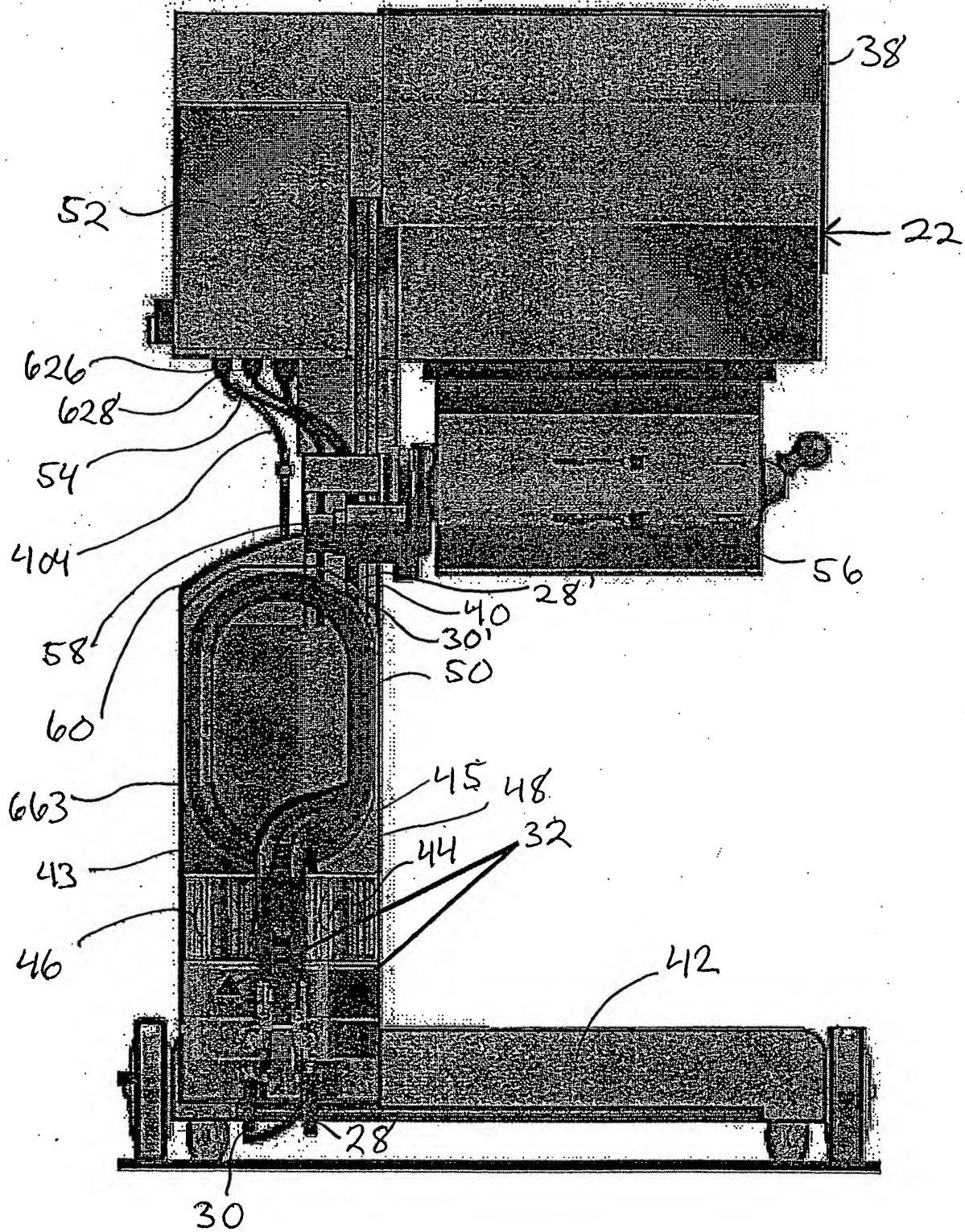


FIG. 2

Replacement Sheet

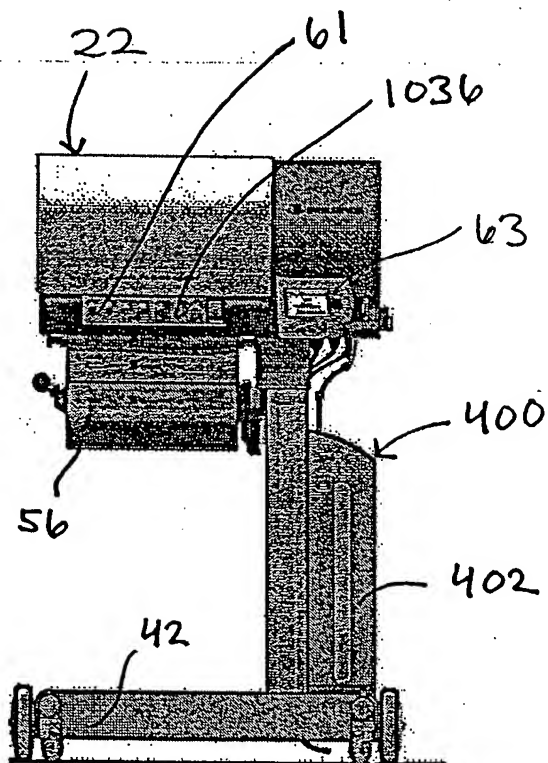


FIG. 3

FIG 4

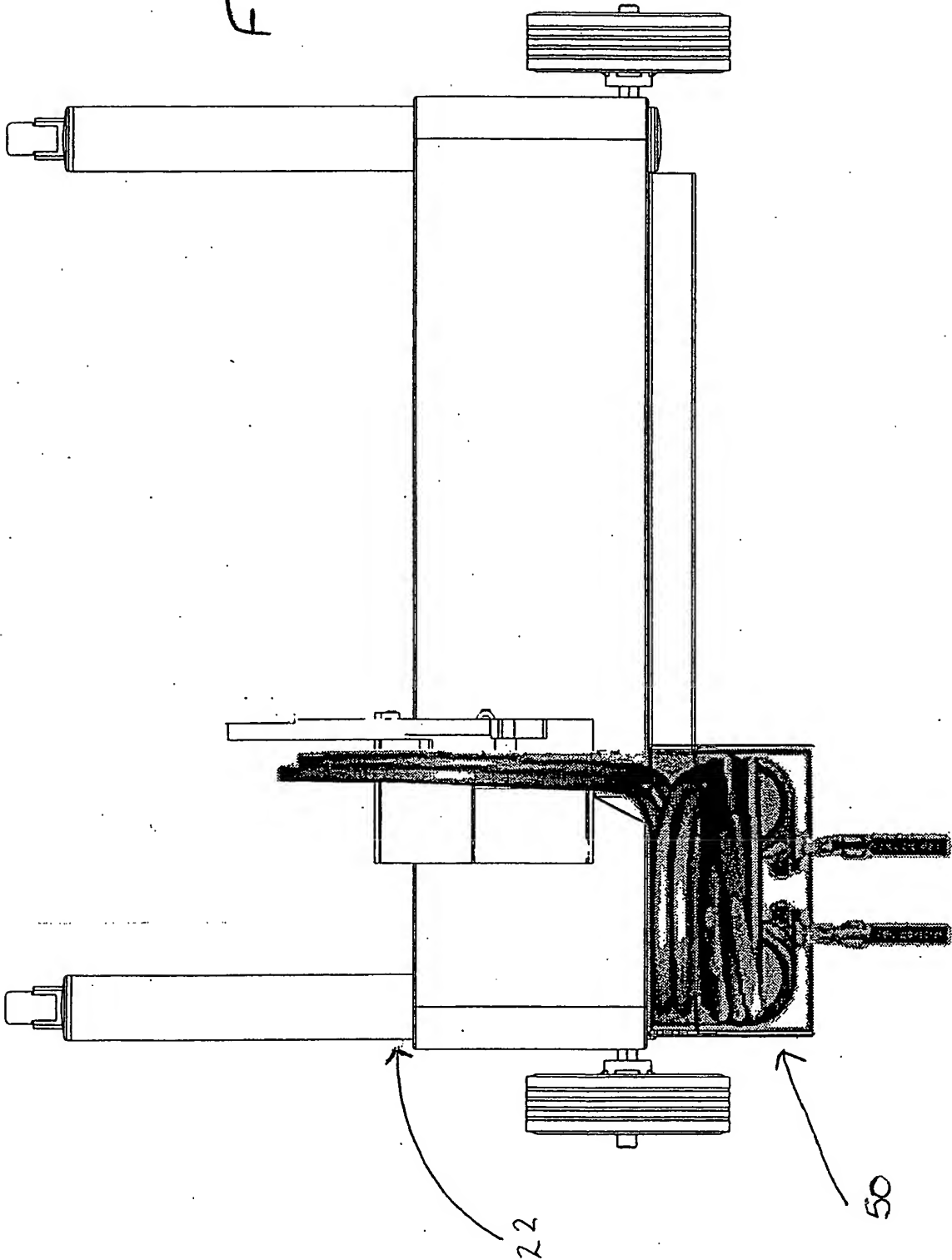
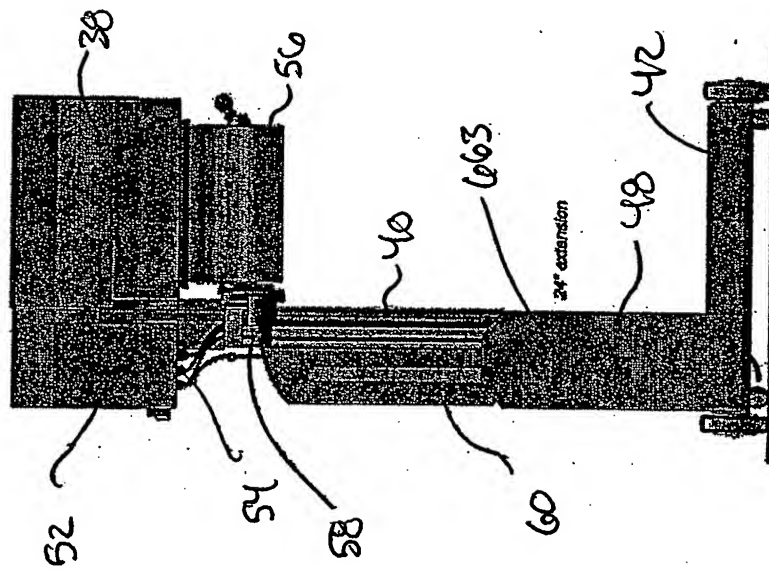


FIG-5



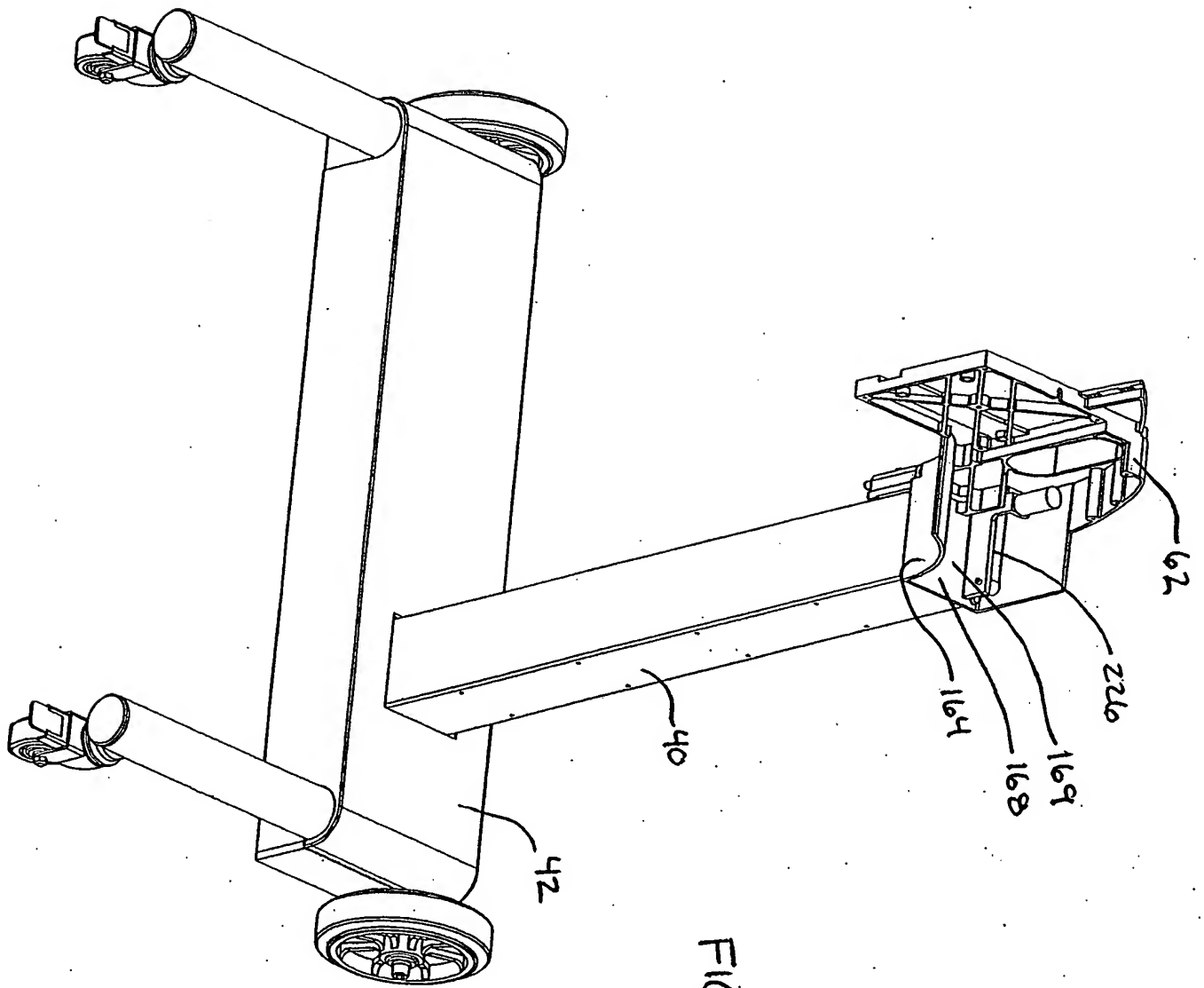


FIG. 6

FIG. 7

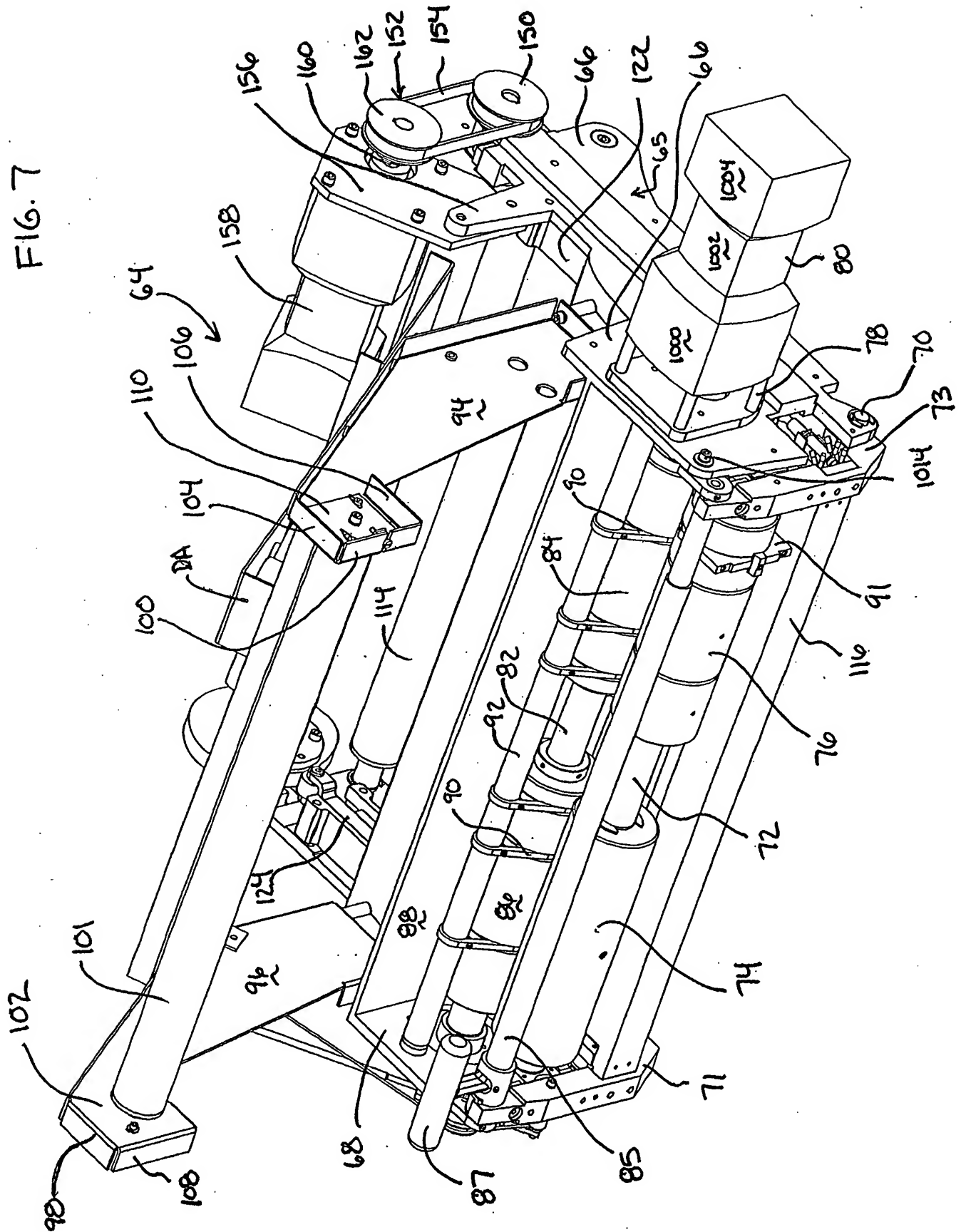
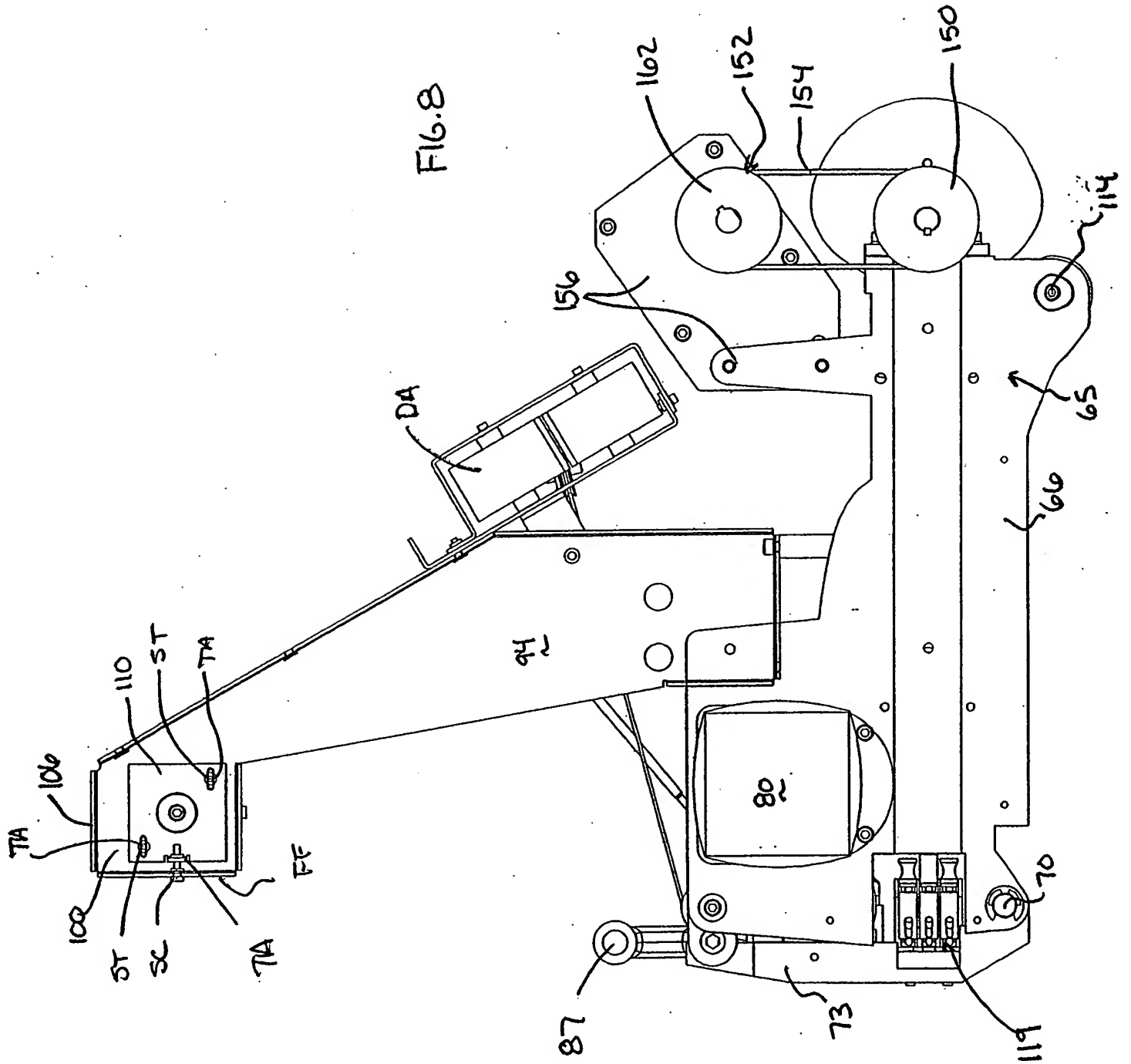
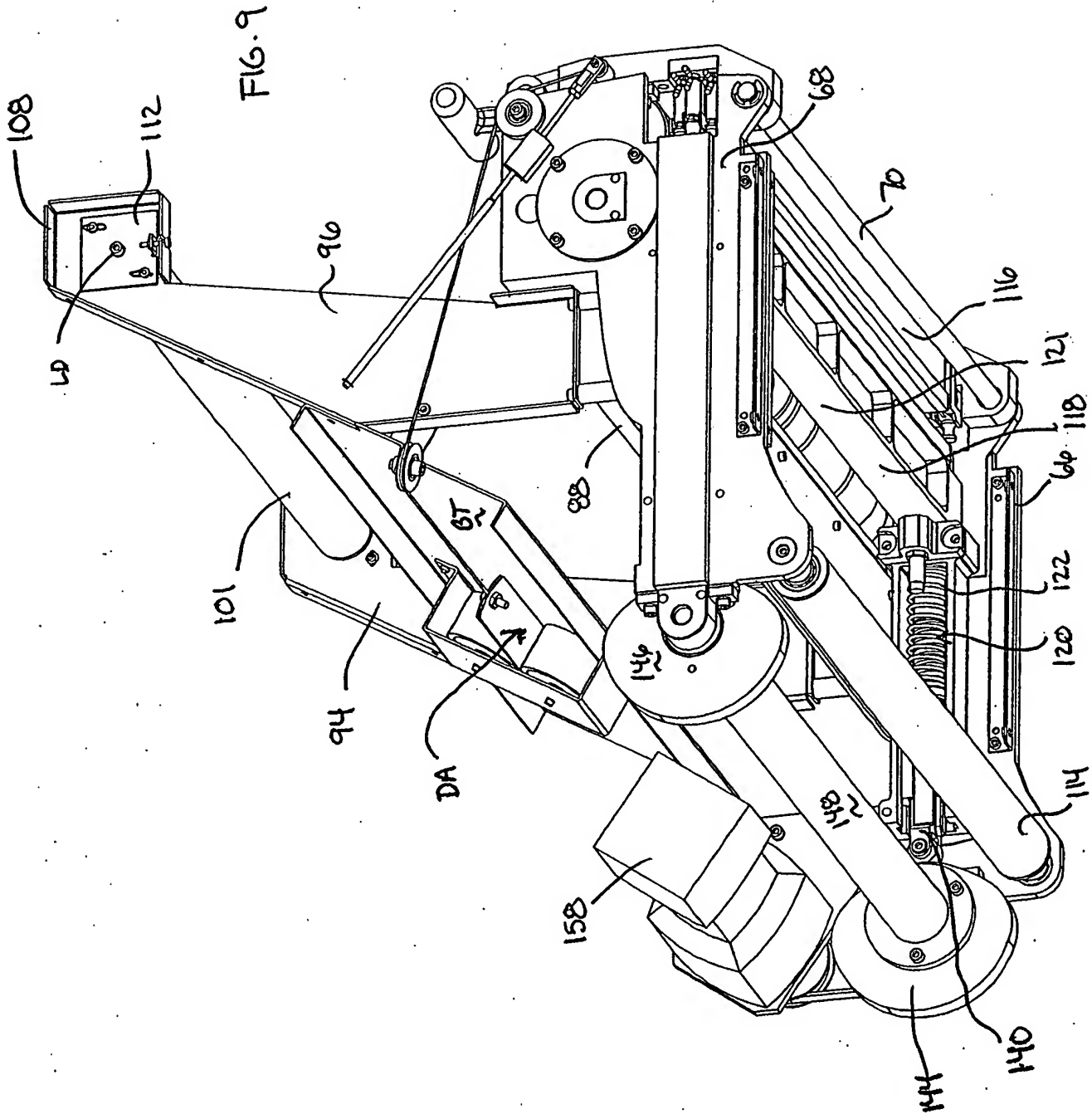


FIG. 8





Replacement Sheet

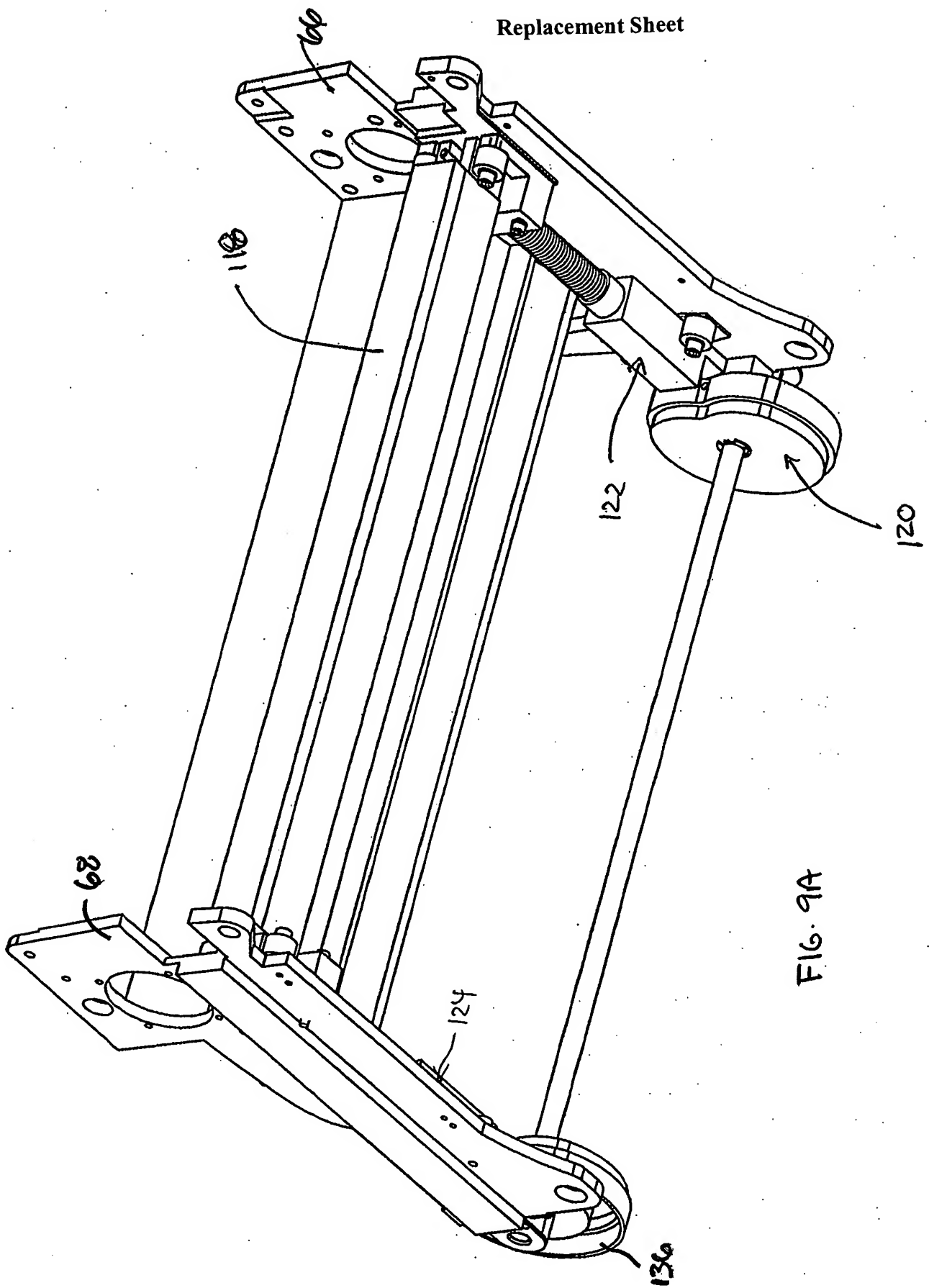


FIG. 9A

Replacement Sheet

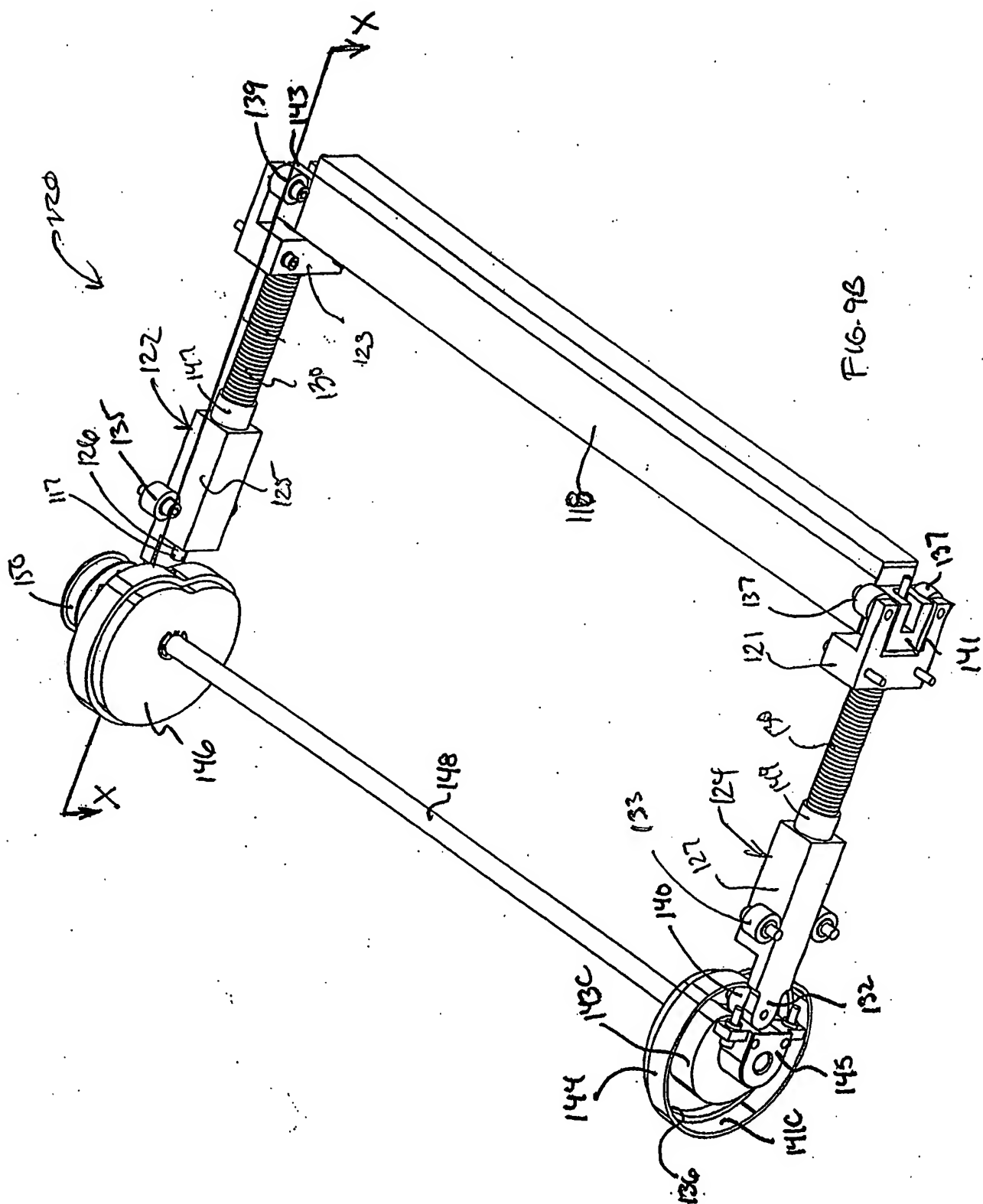


Fig. 9B

Replacement Sheet

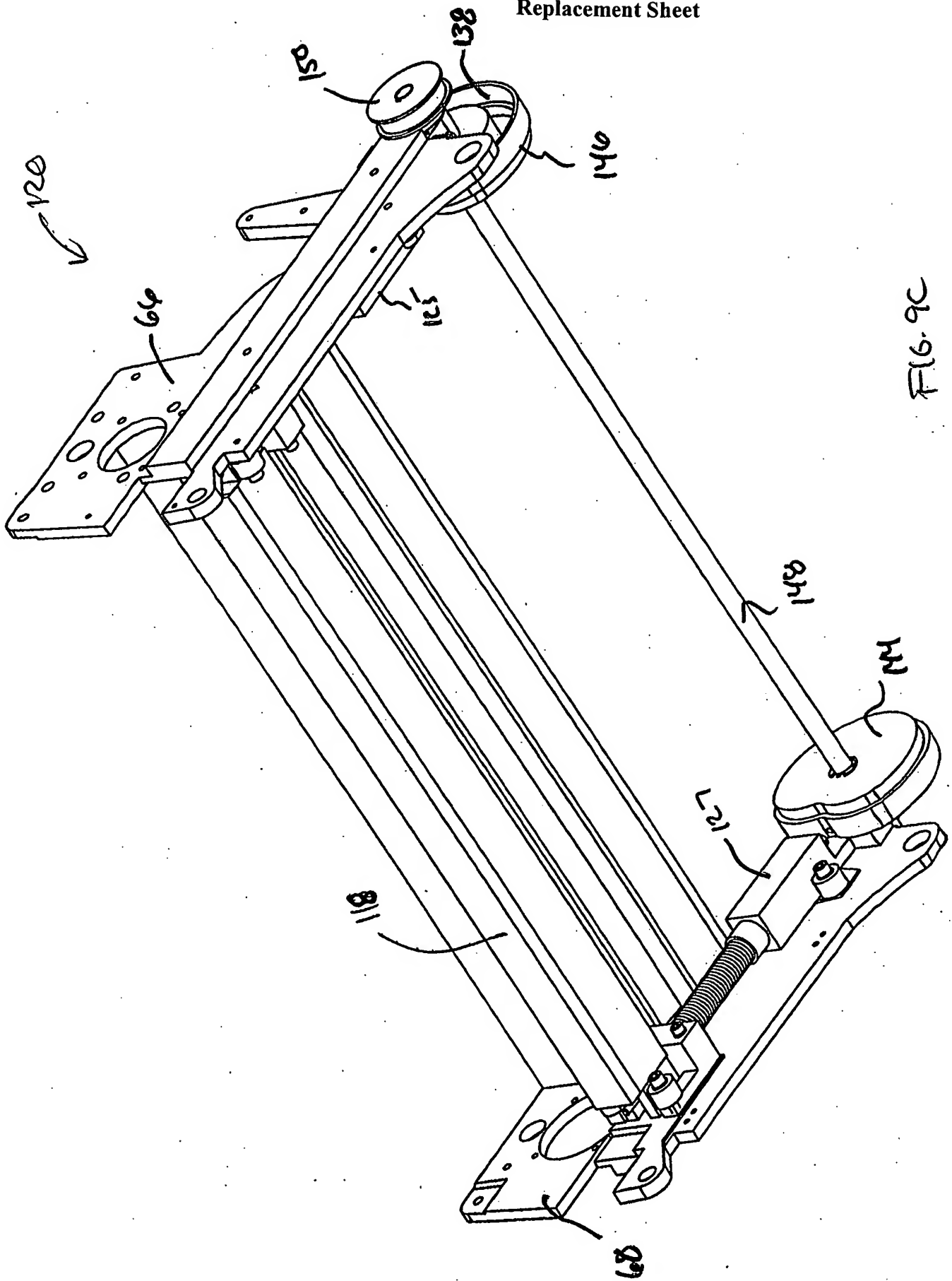


FIG. 9C

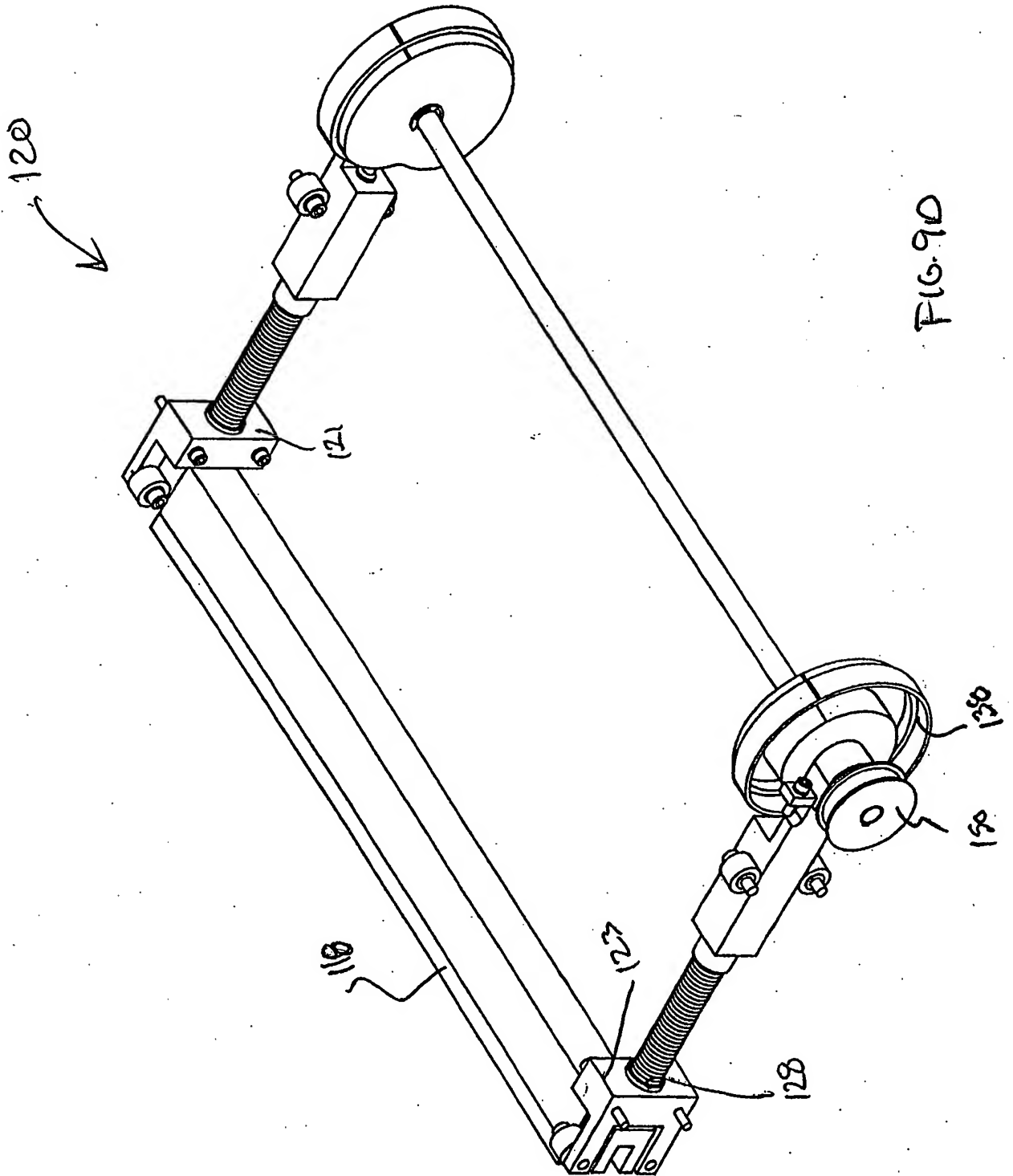
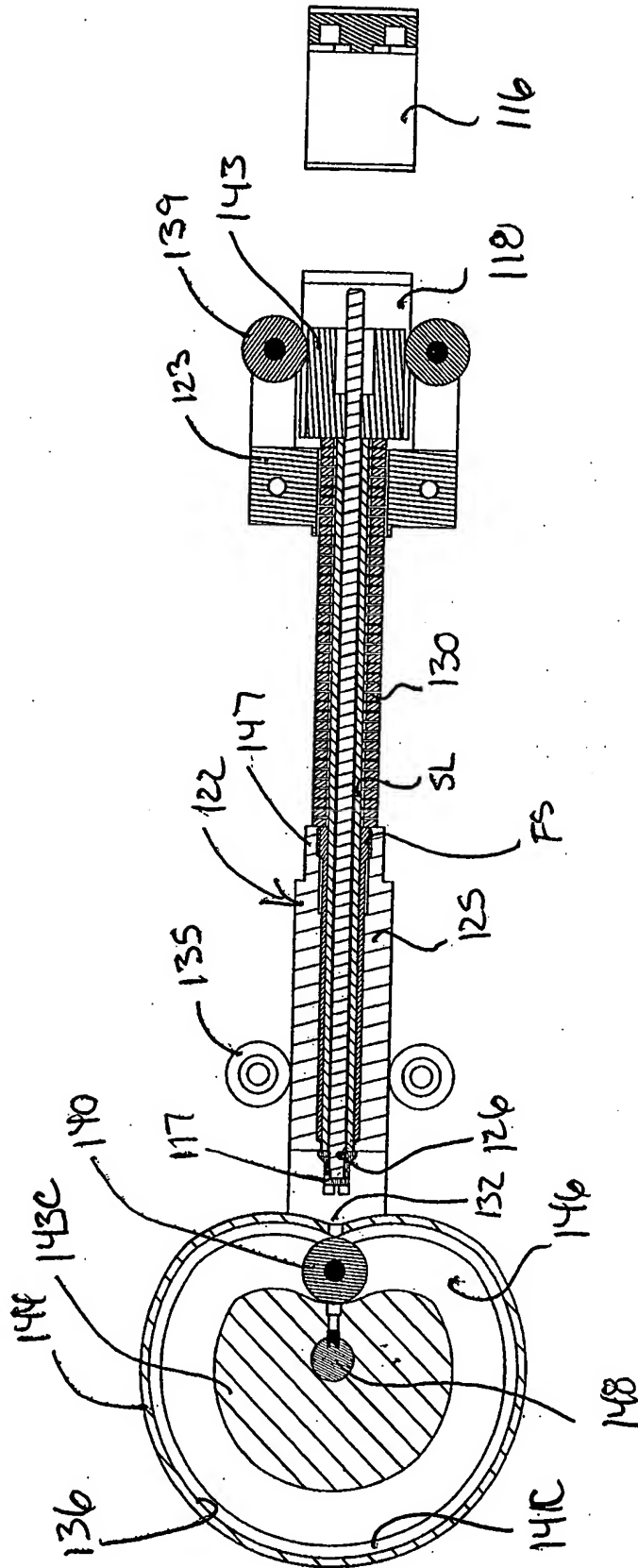


Fig. 9E



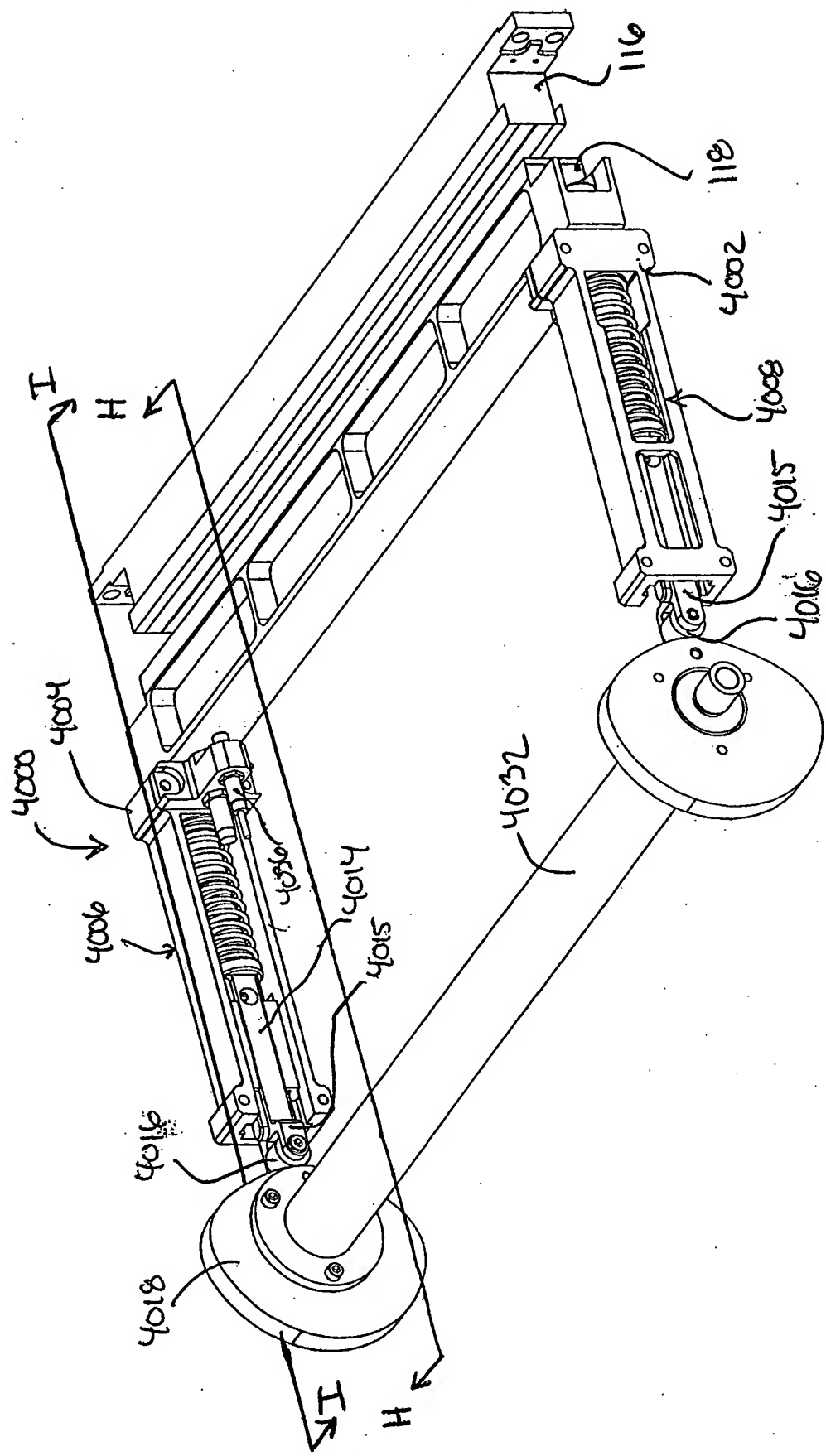


FIG. 9F

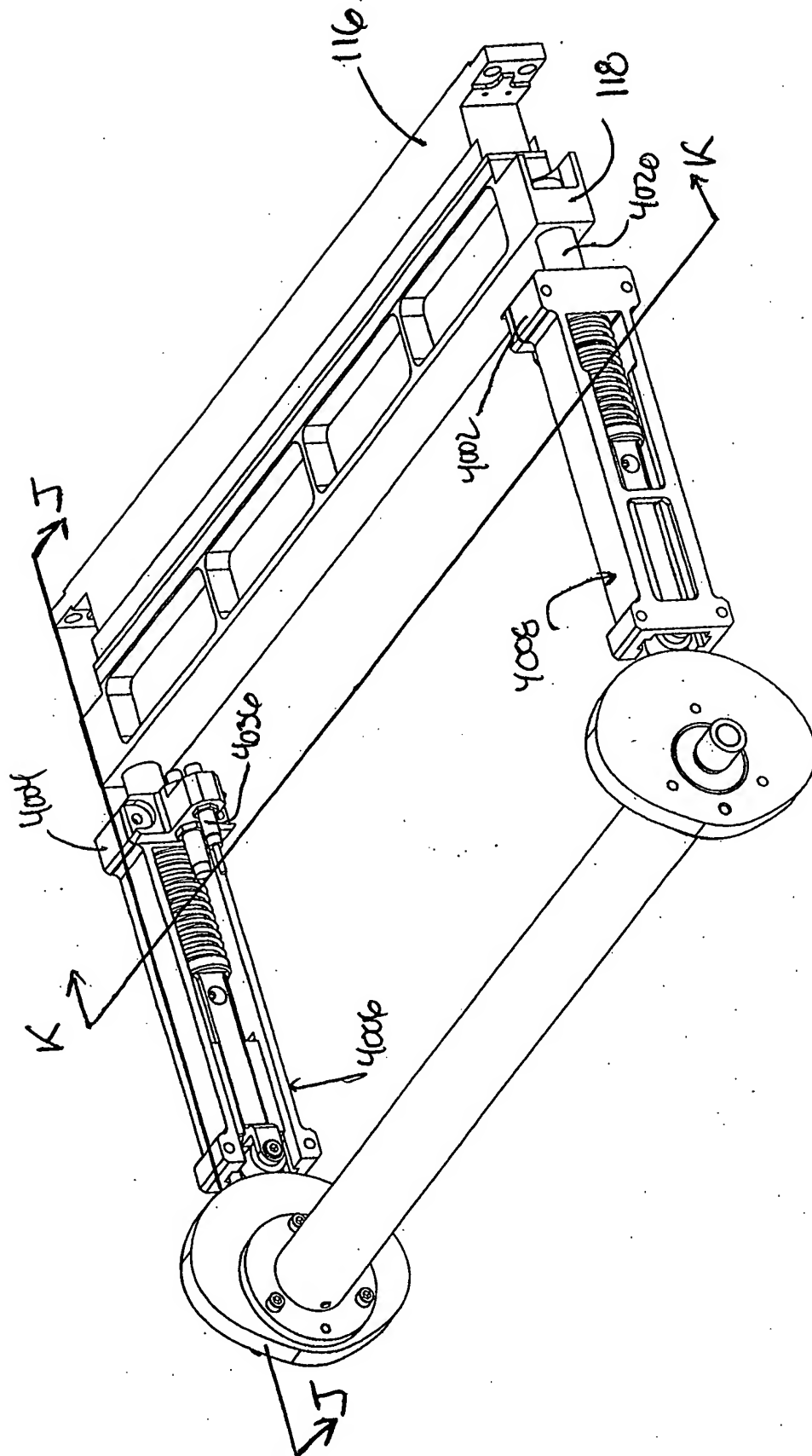


FIG. 96

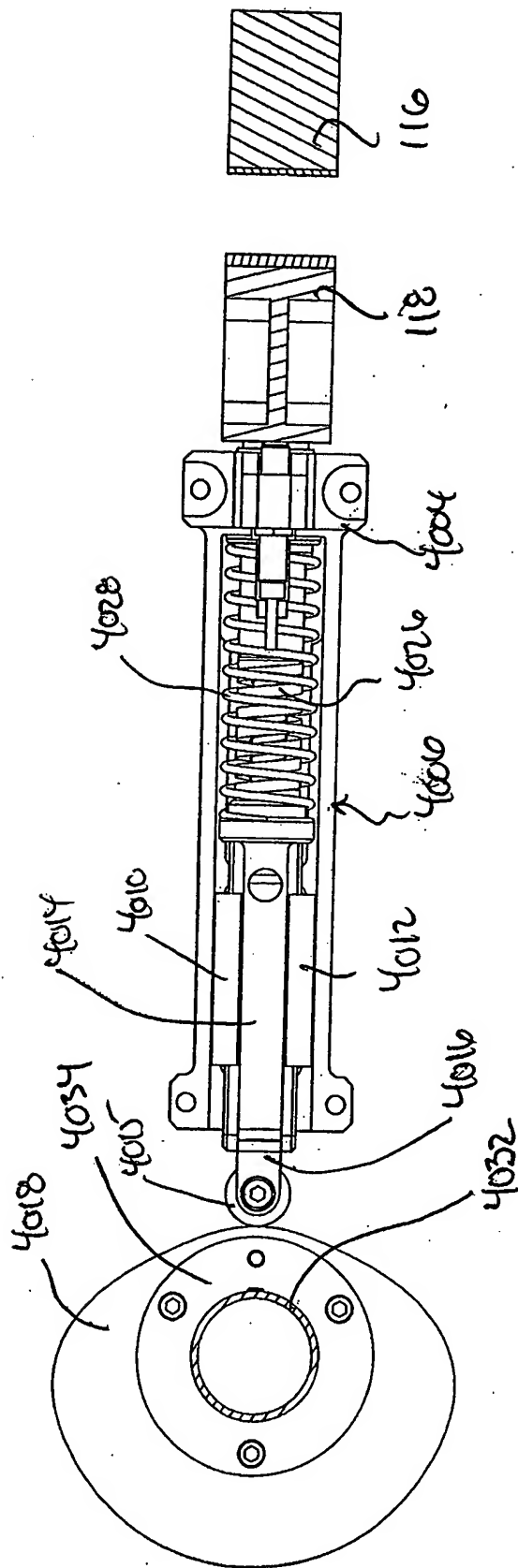


FIG. 9H

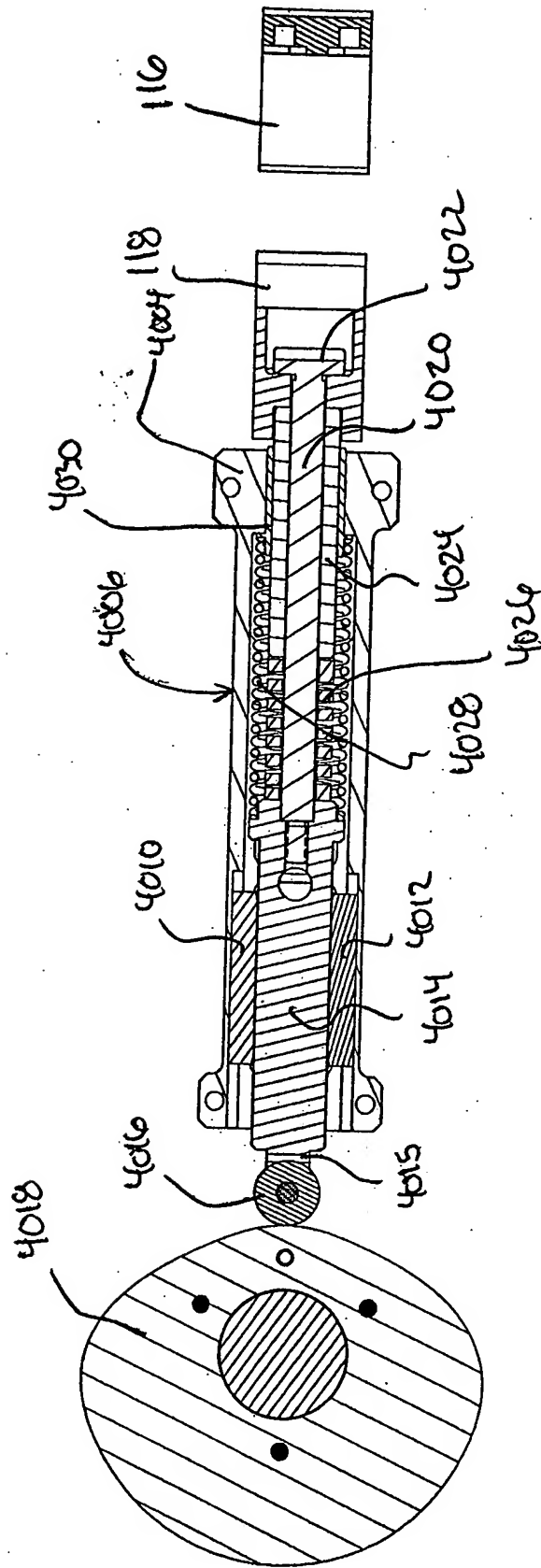


FIG. 9I

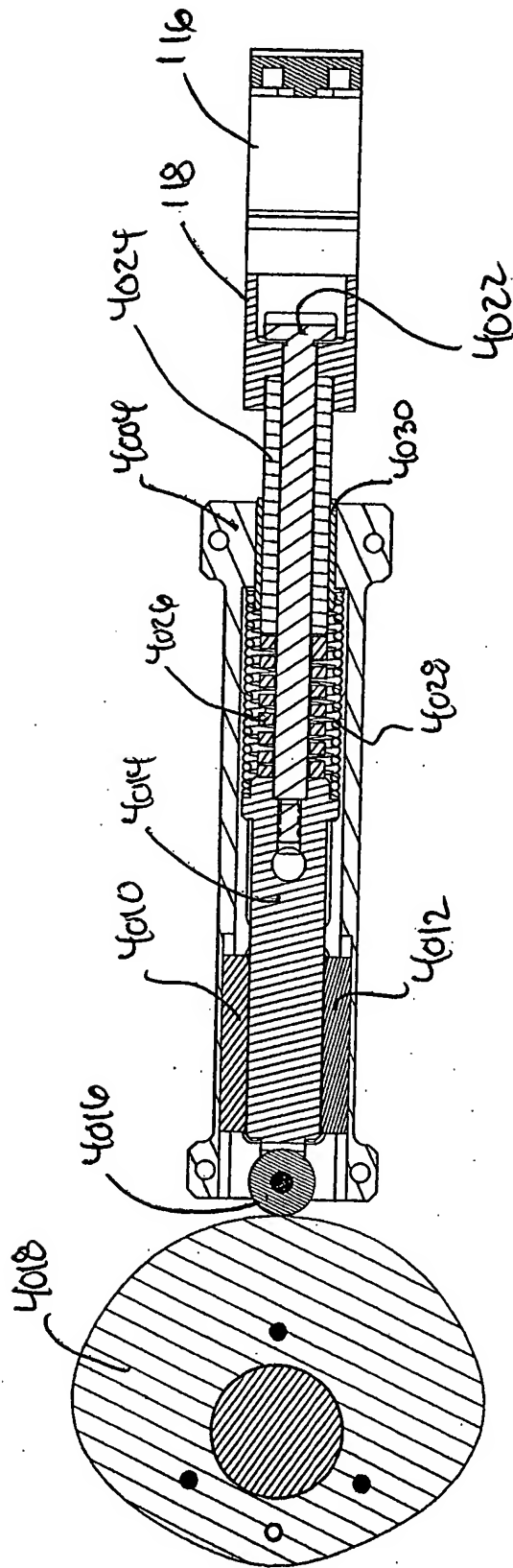


FIG. 95

Replacement Sheet

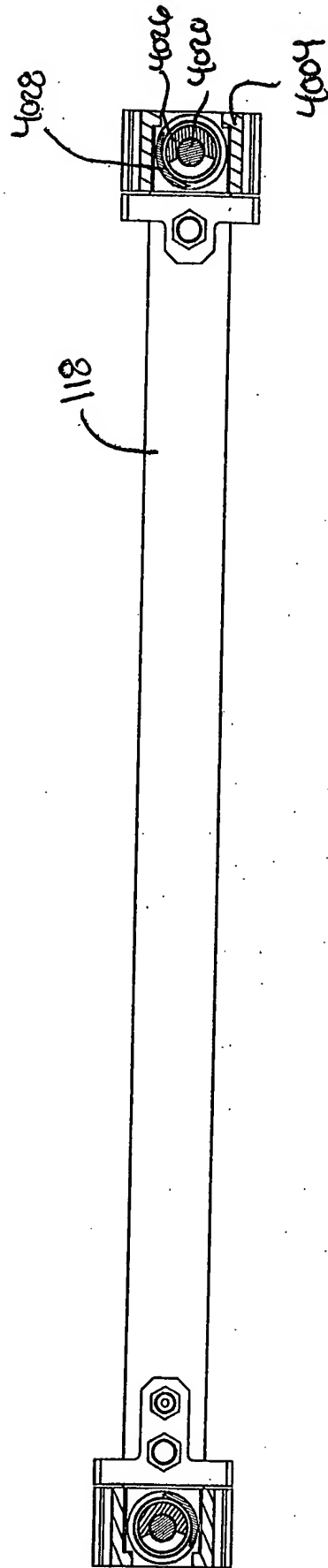
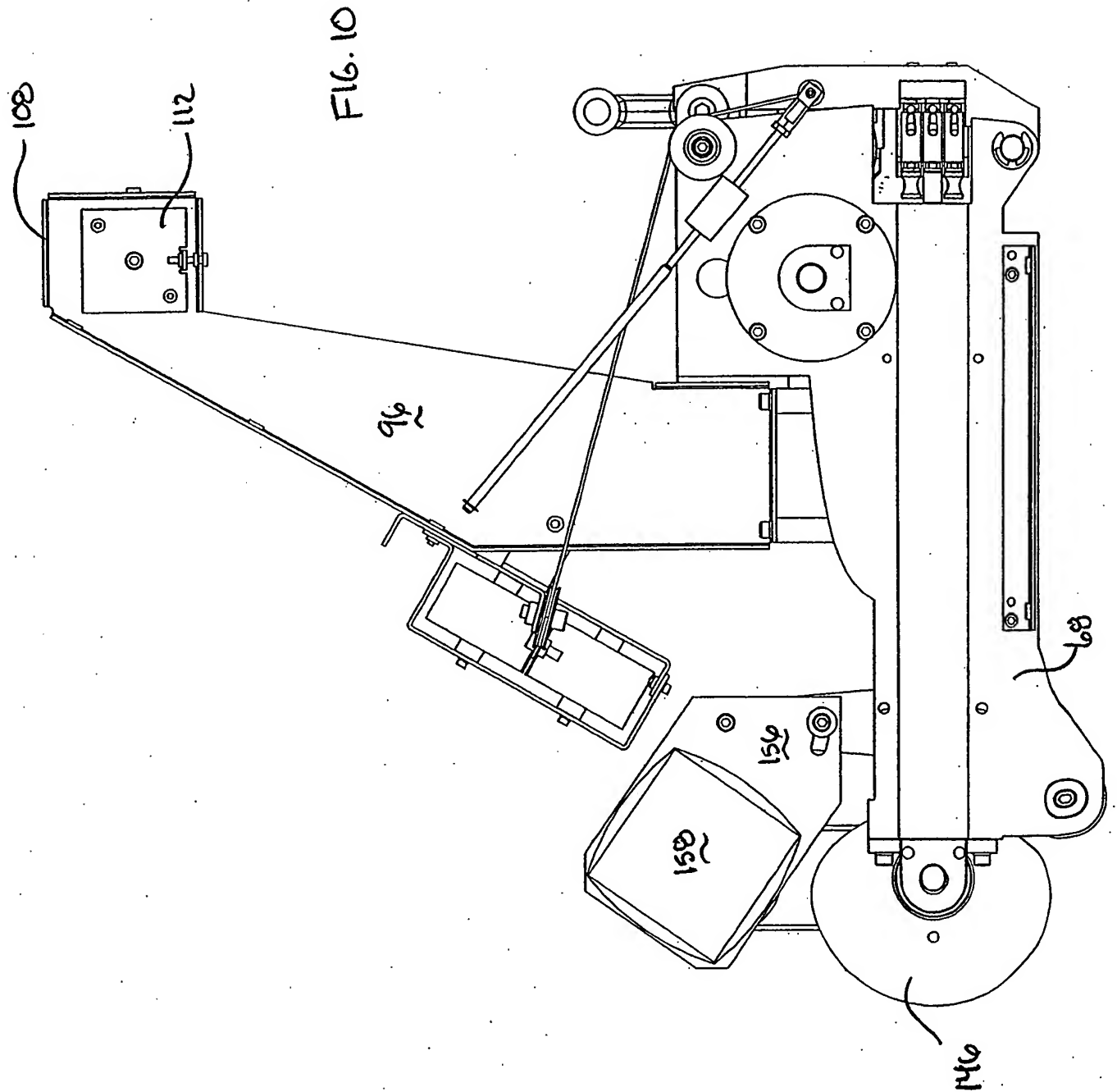
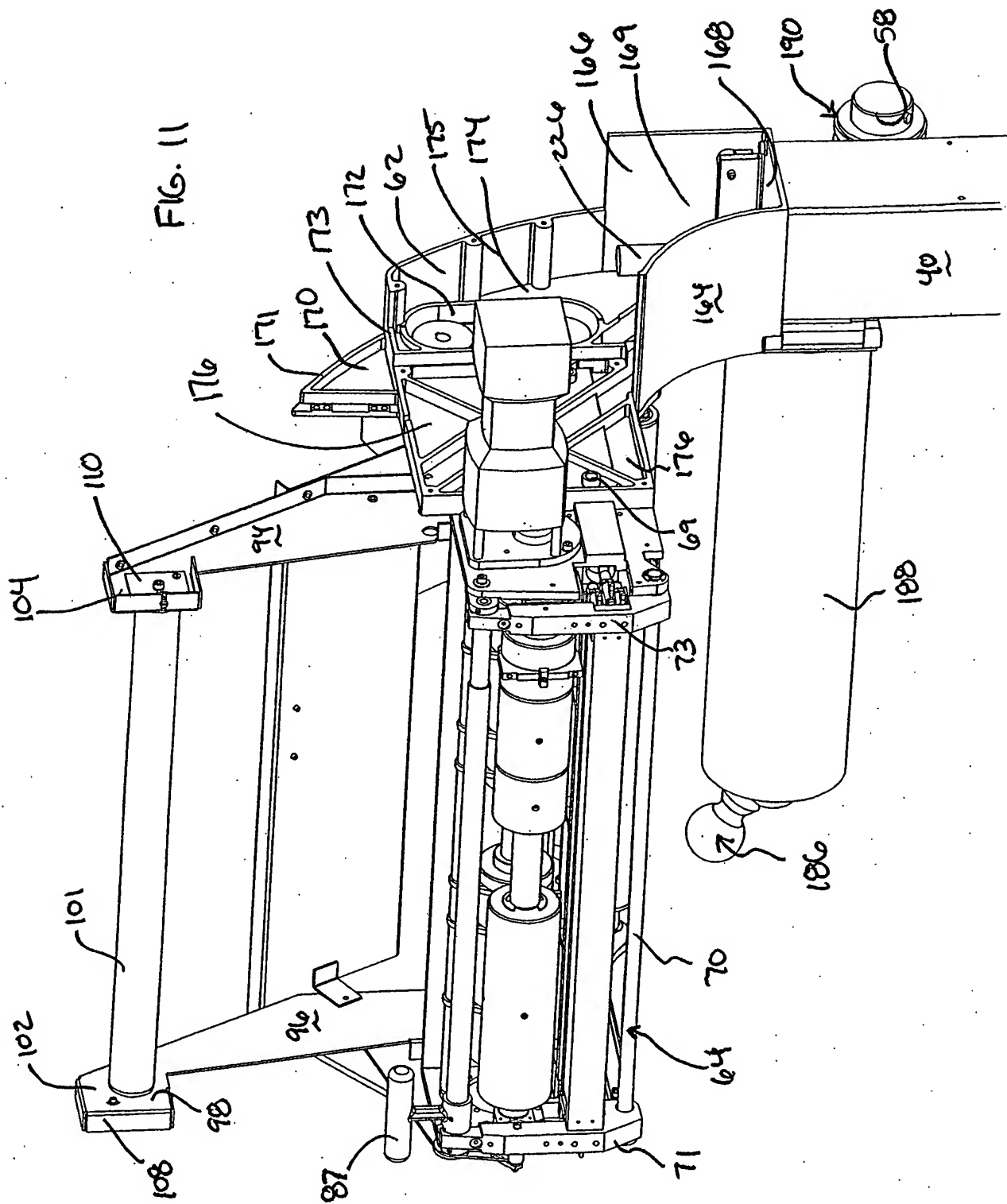
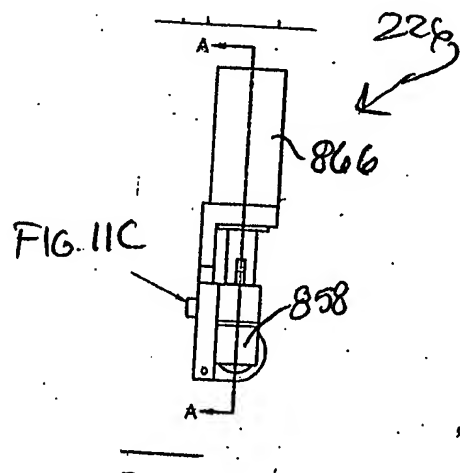
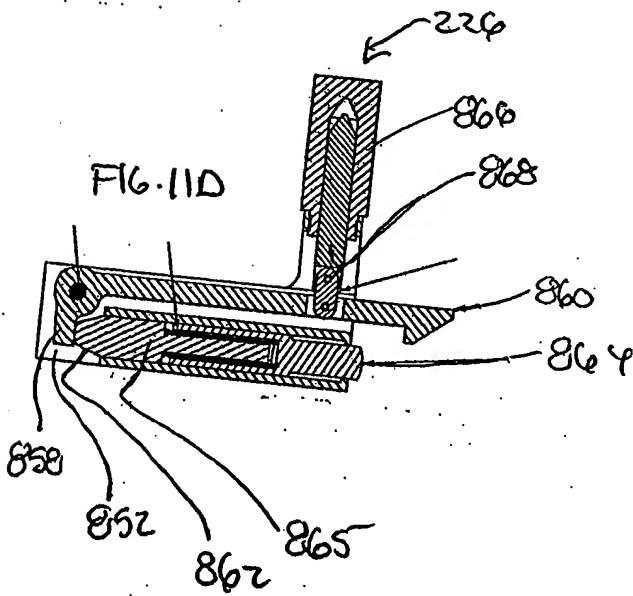
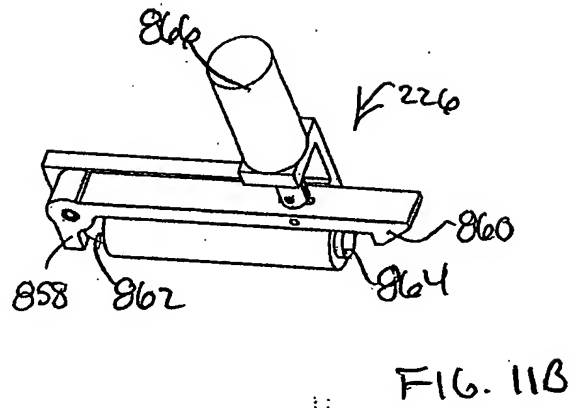
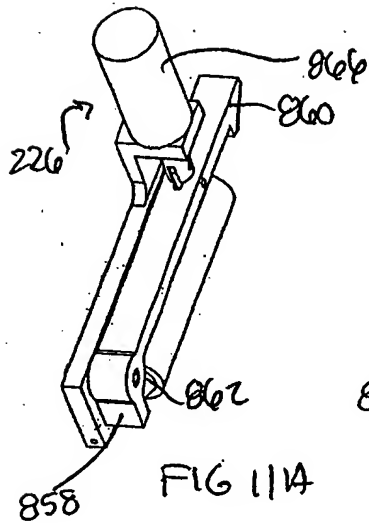


FIG. 9K

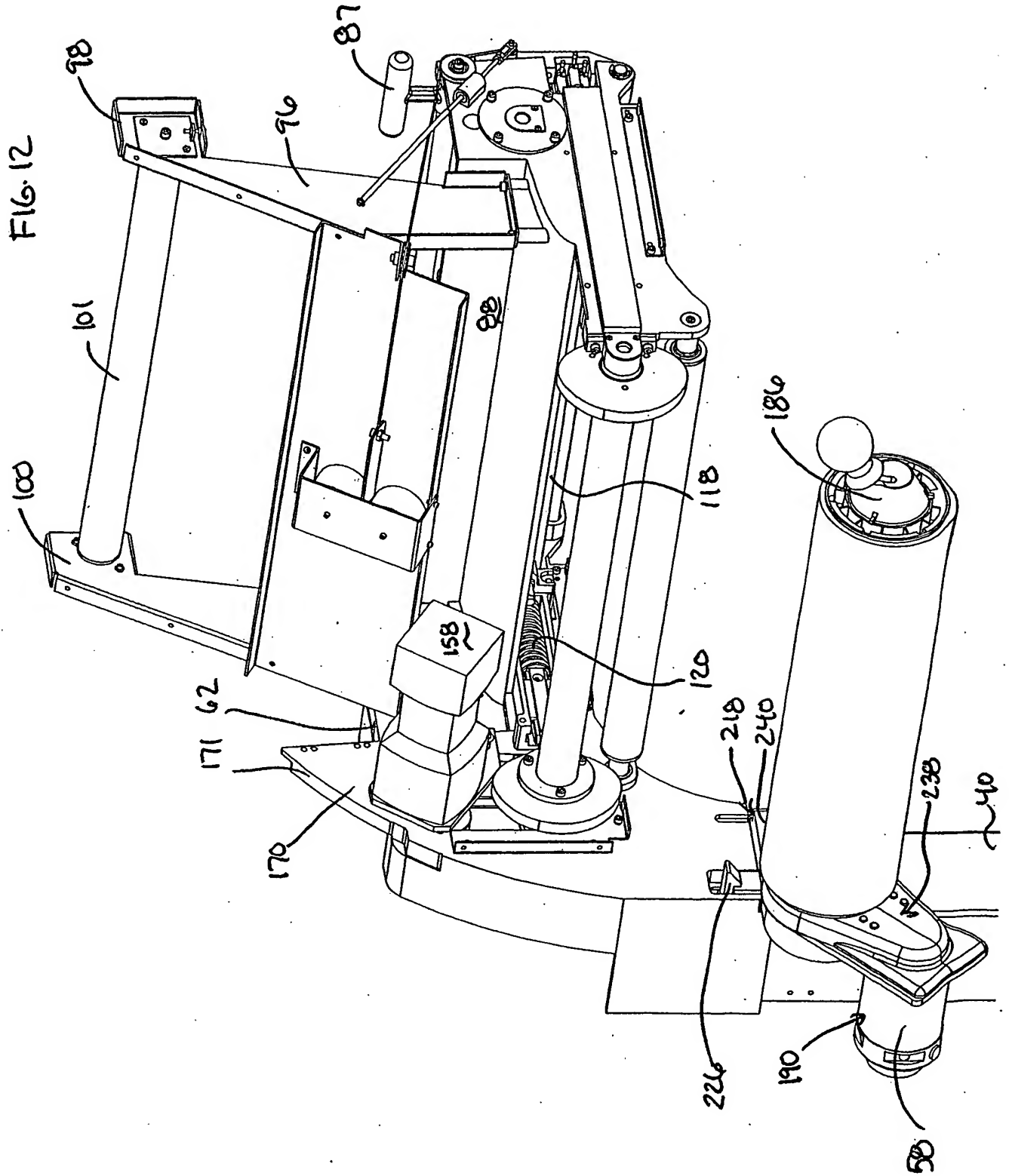




Replacement Sheet



Replacement Sheet



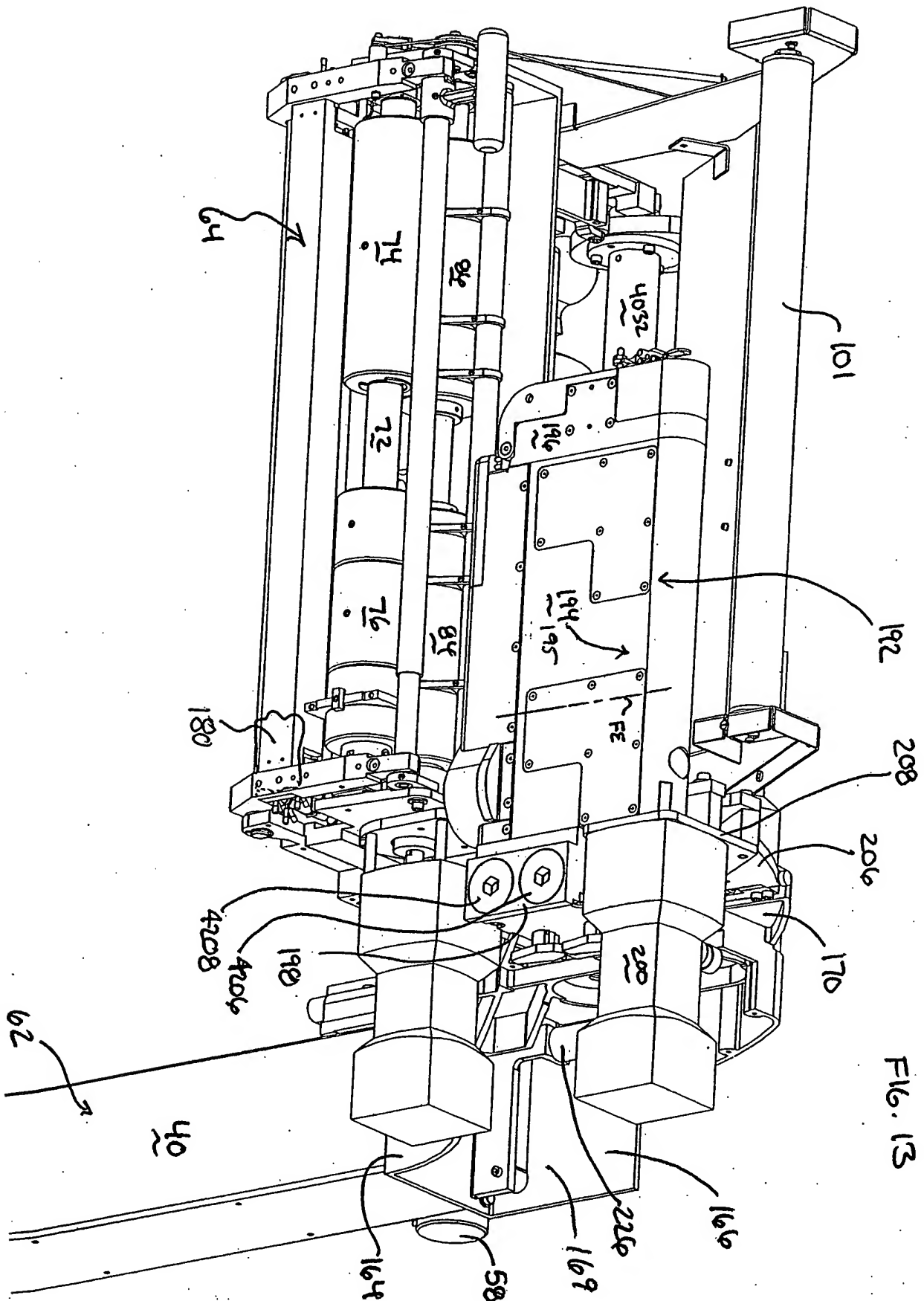


FIG. 13

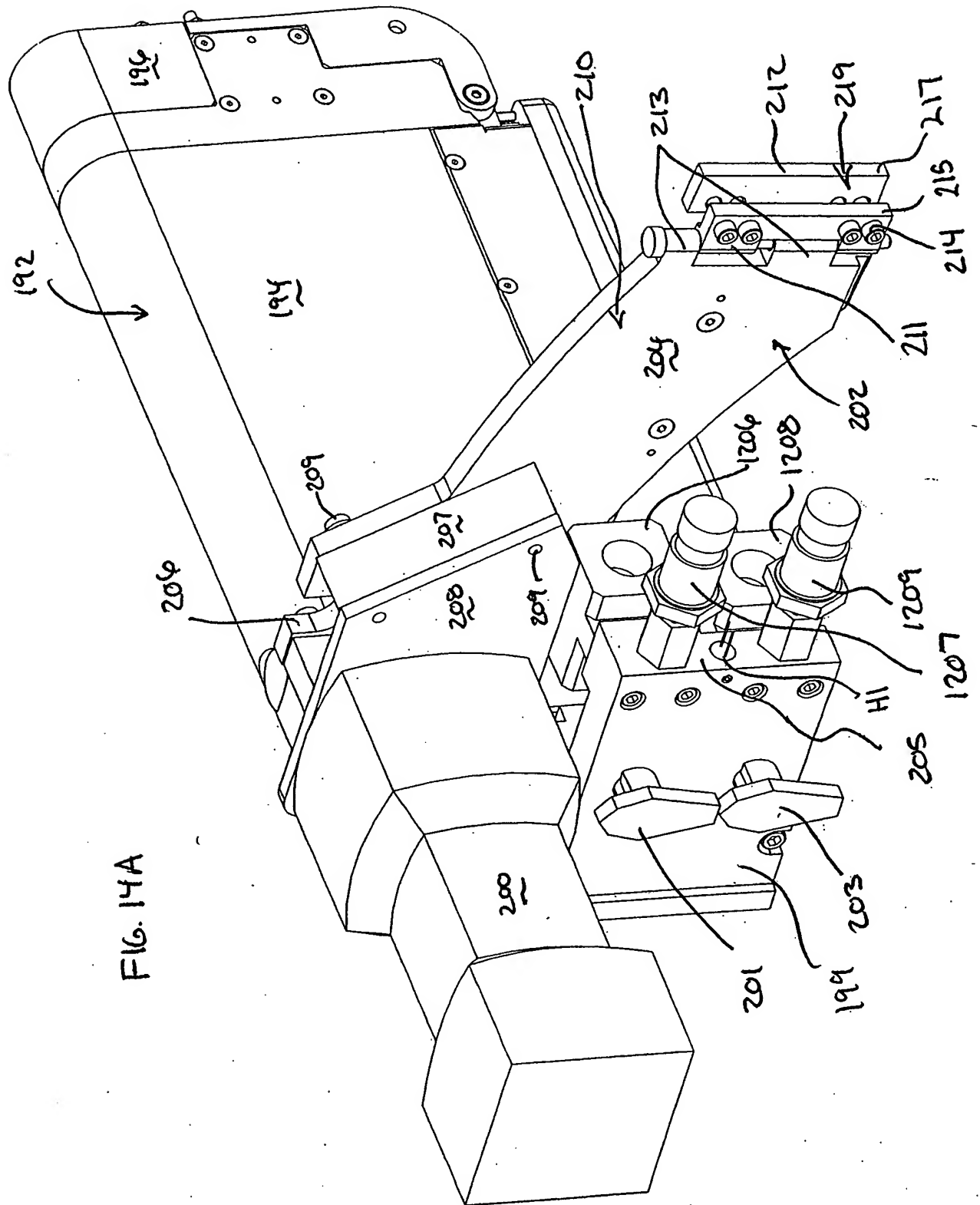
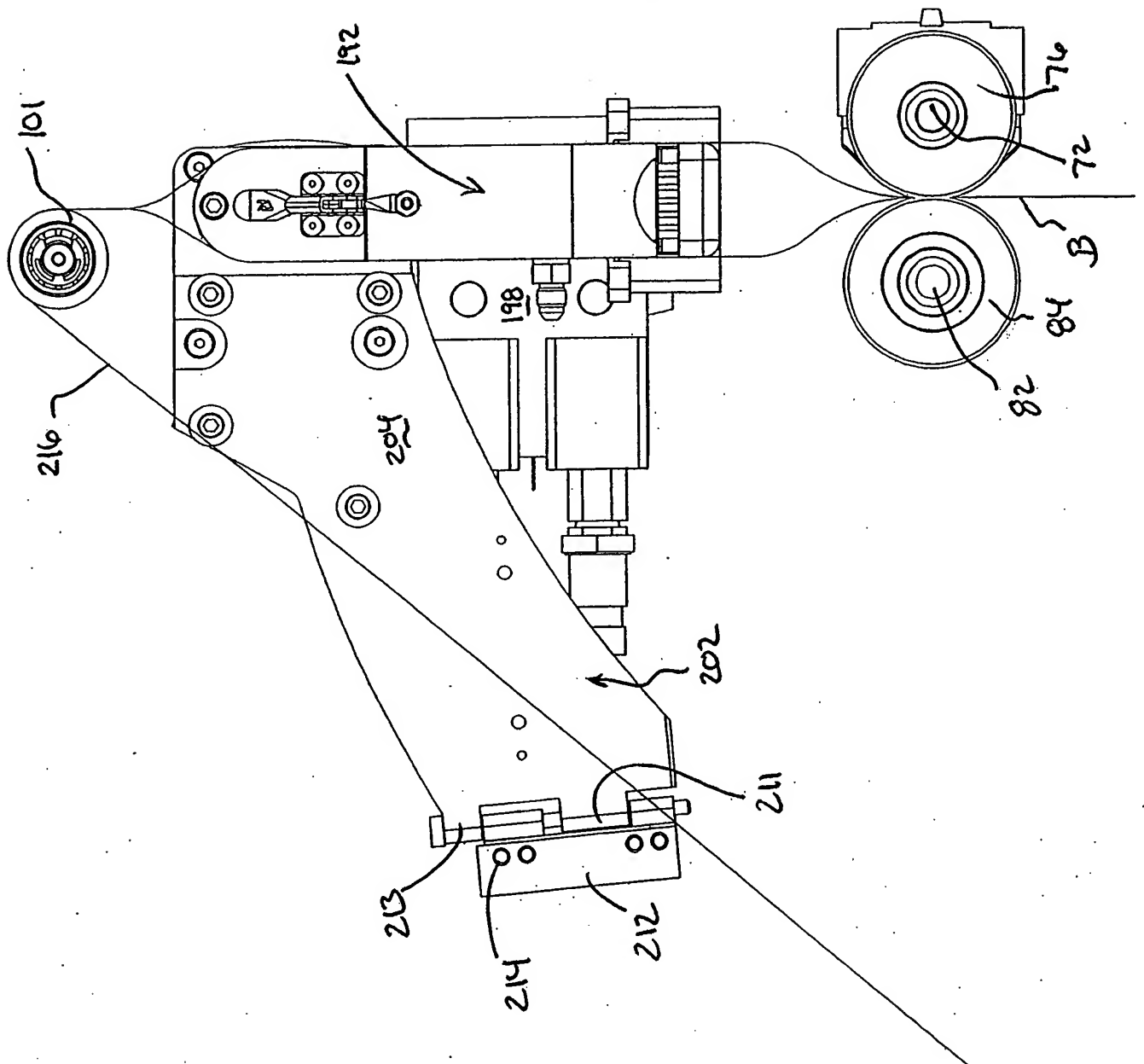


FIG. 14A

Replacement Sheet

FIG. 14B



Replacement Sheet

FIG 15A

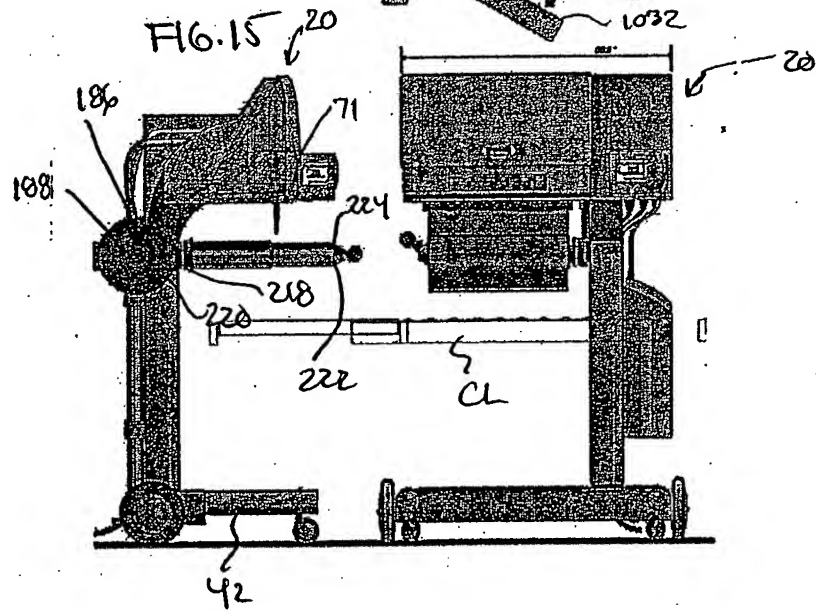
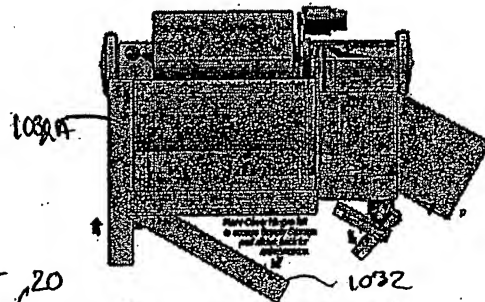
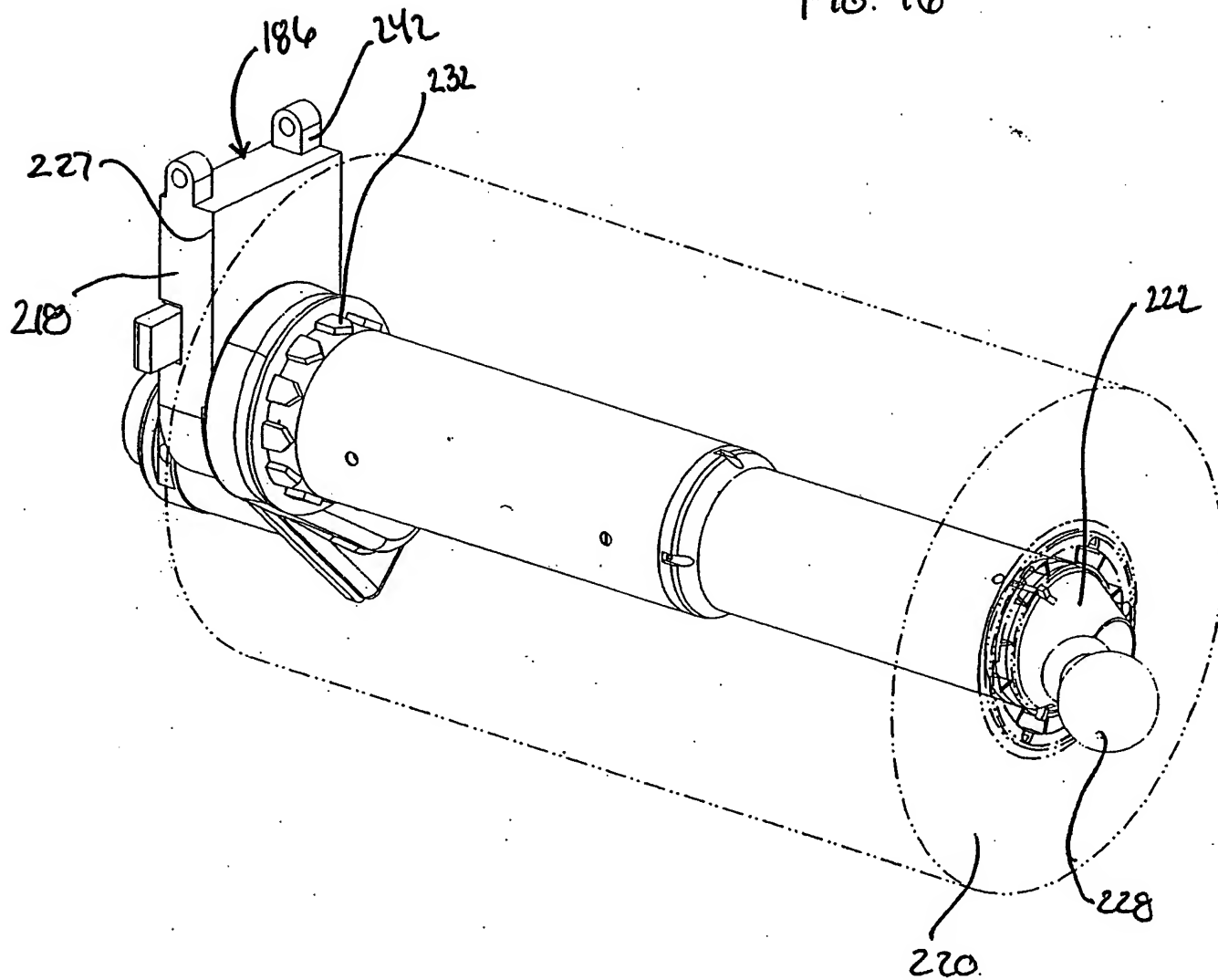


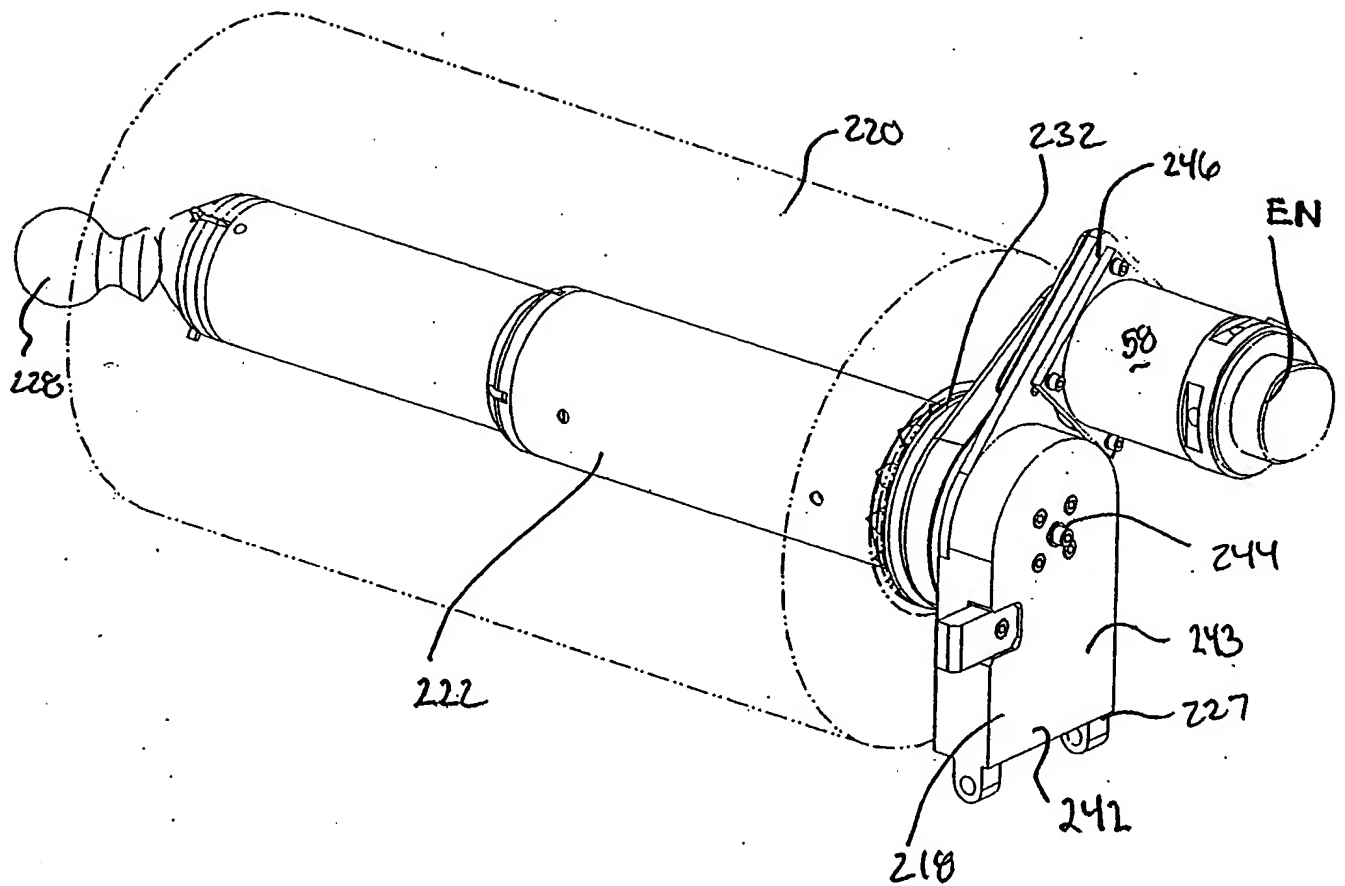
FIG. 15B

FIG. 16



Replacement Sheet

F16.17



Replacement Sheet

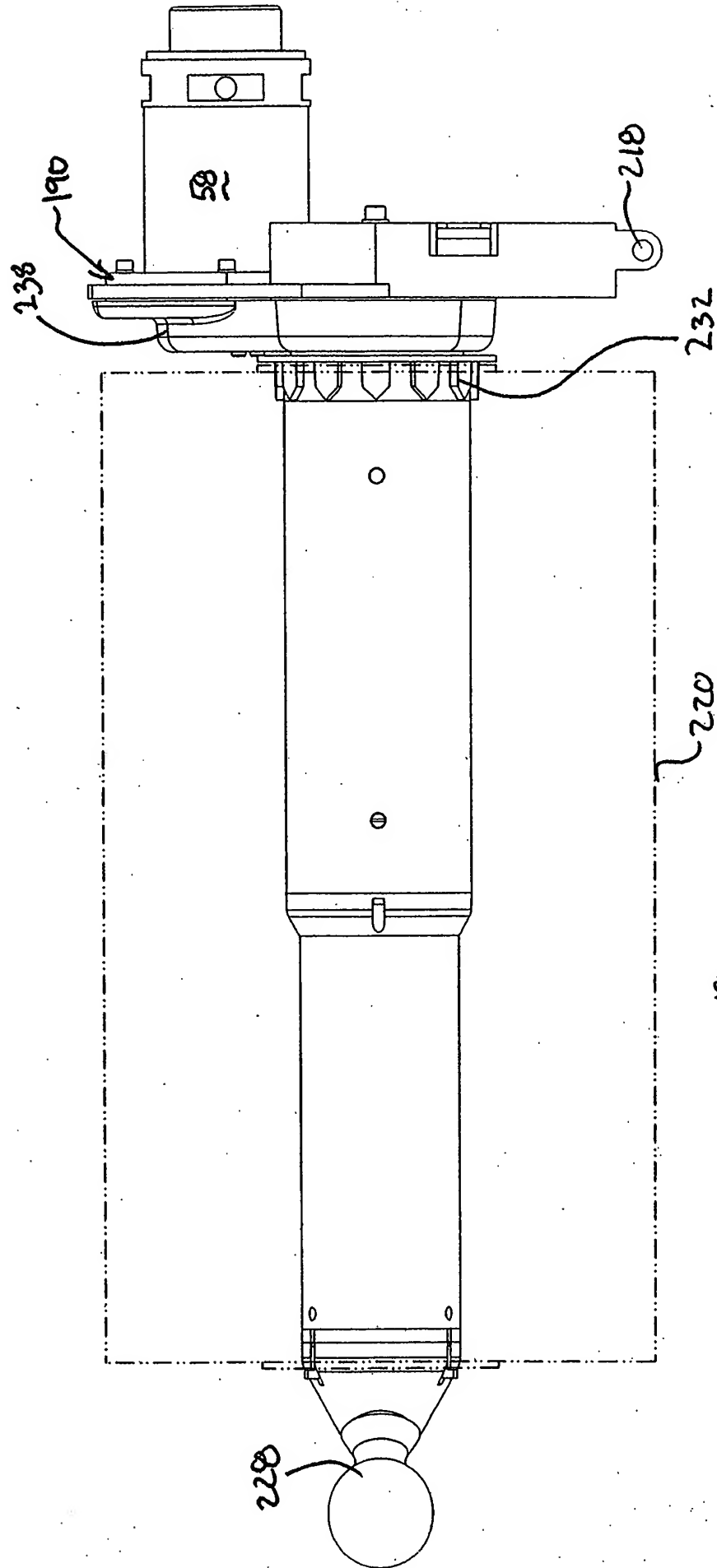
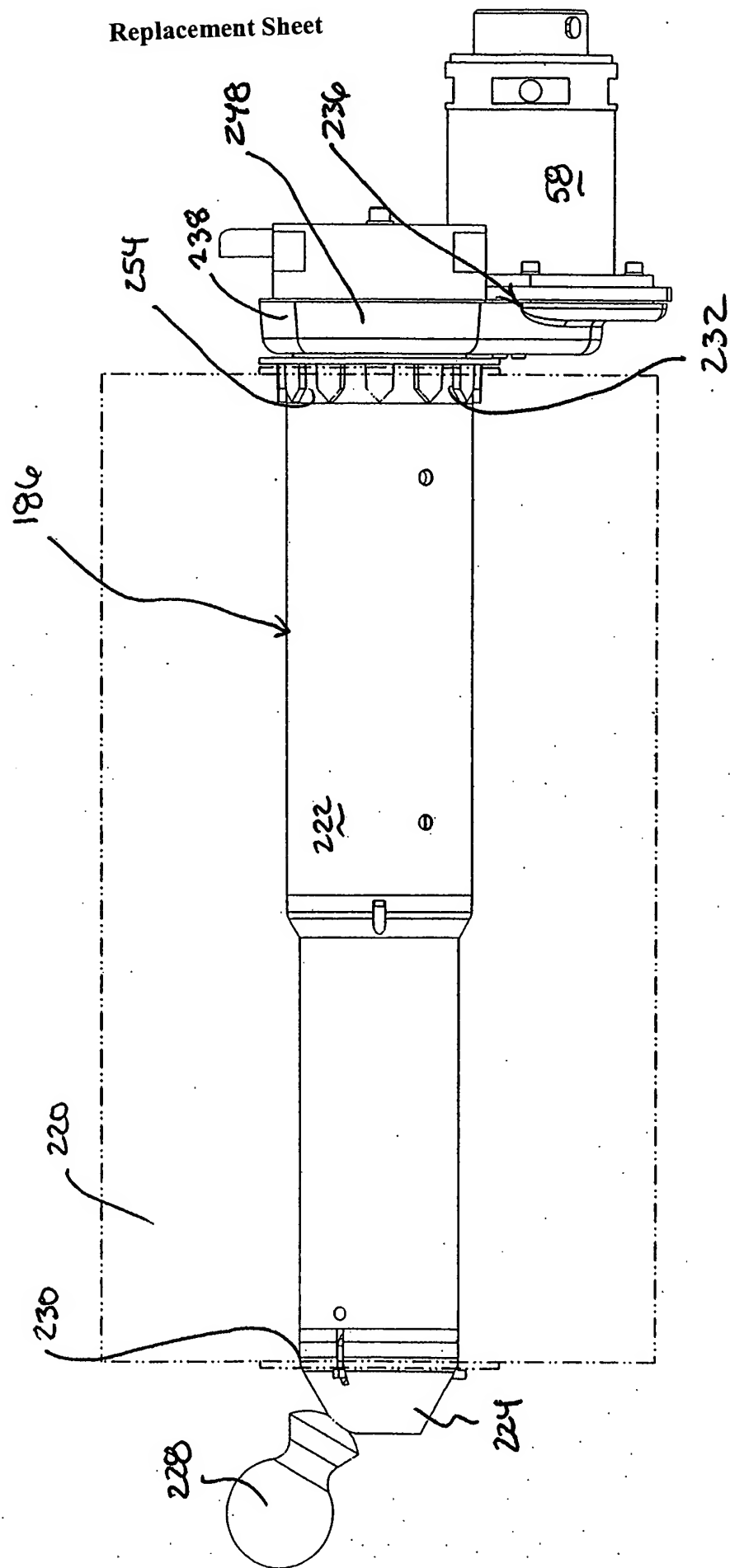
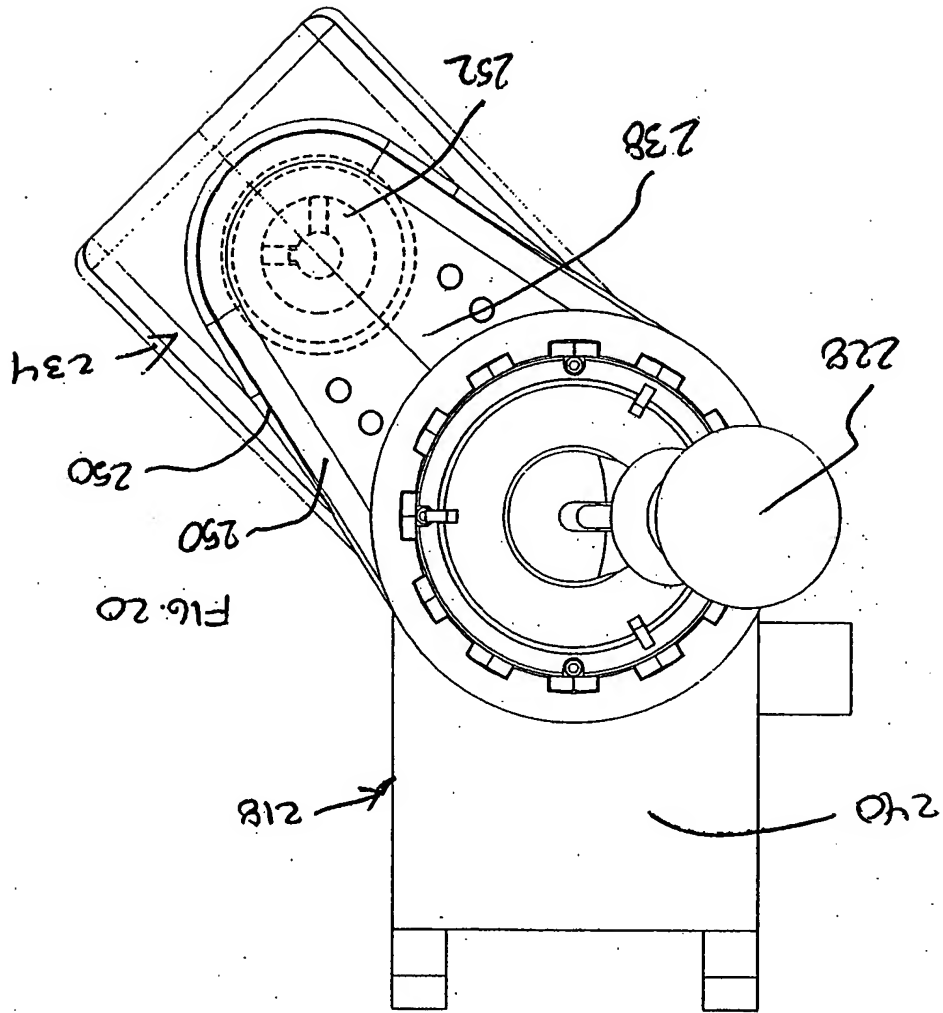


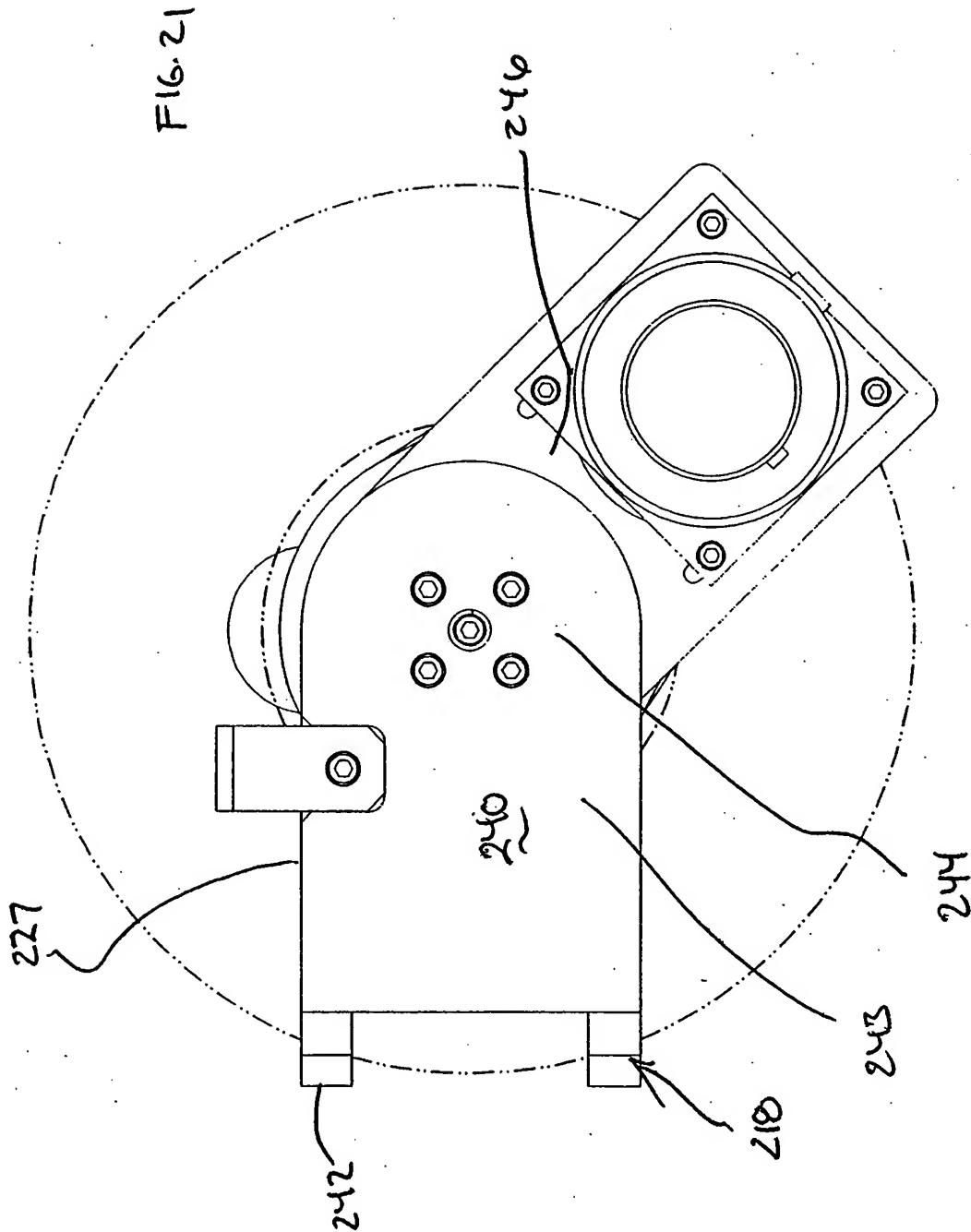
FIG. 18



Flg. 19

Replacement Sheet





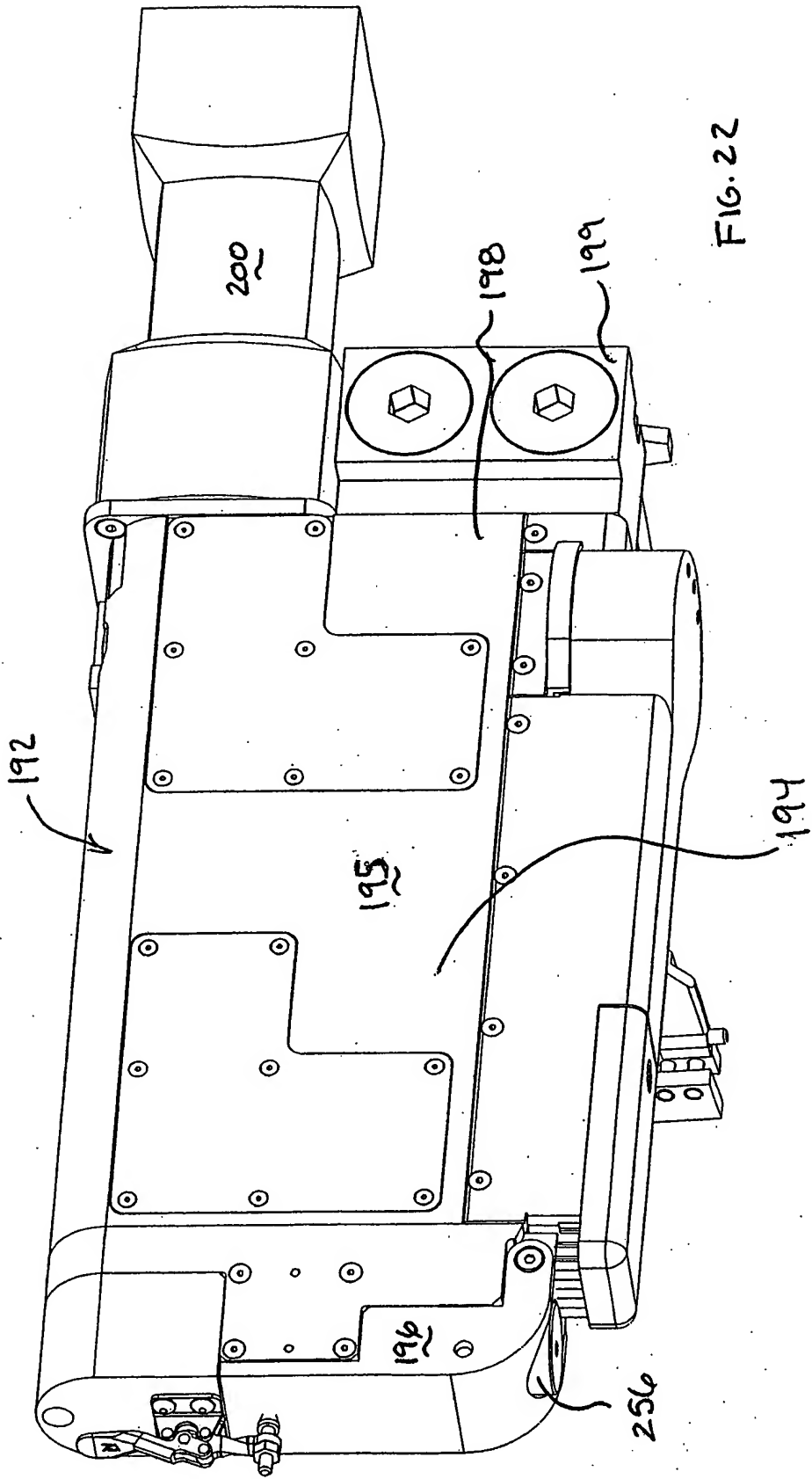
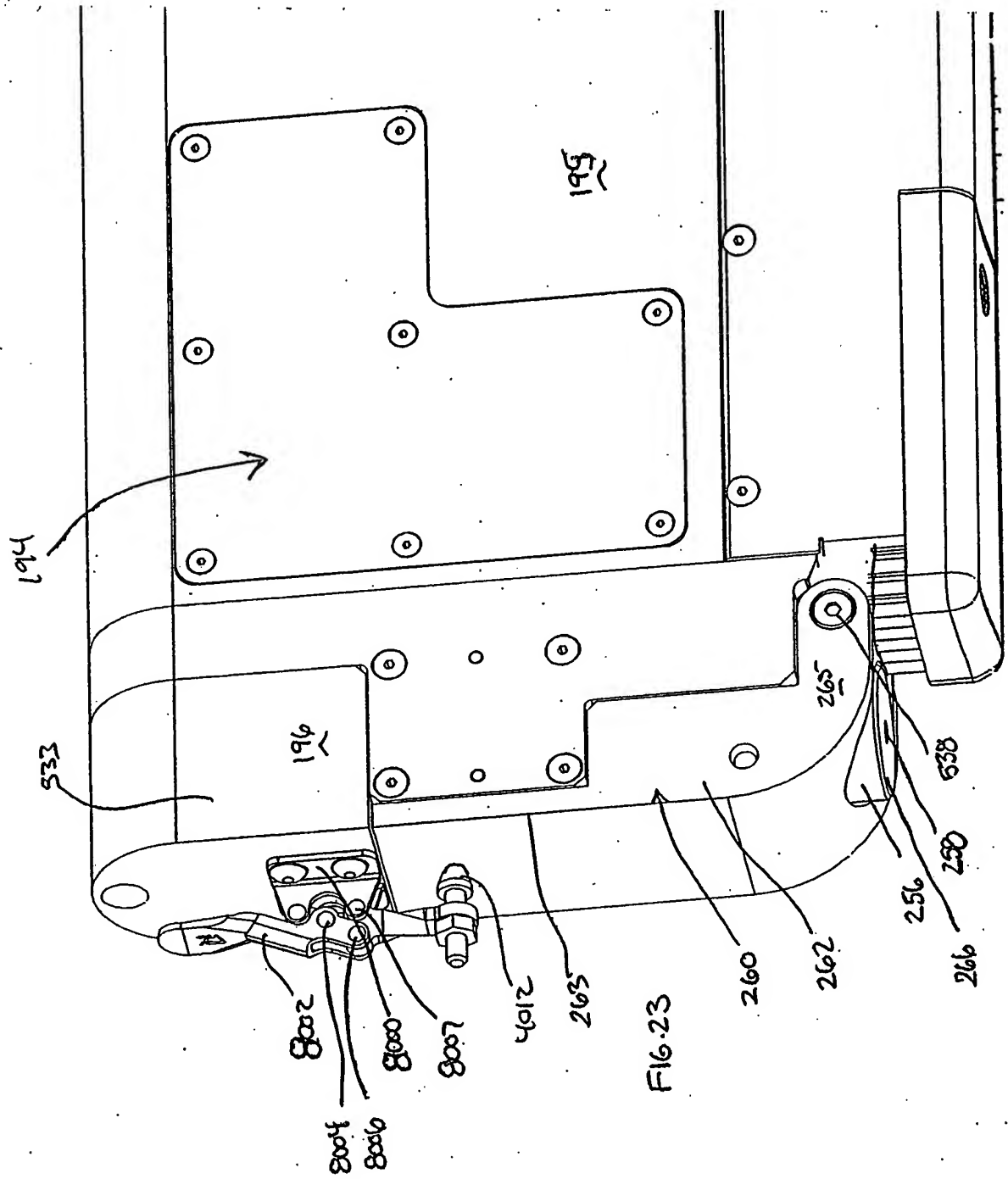
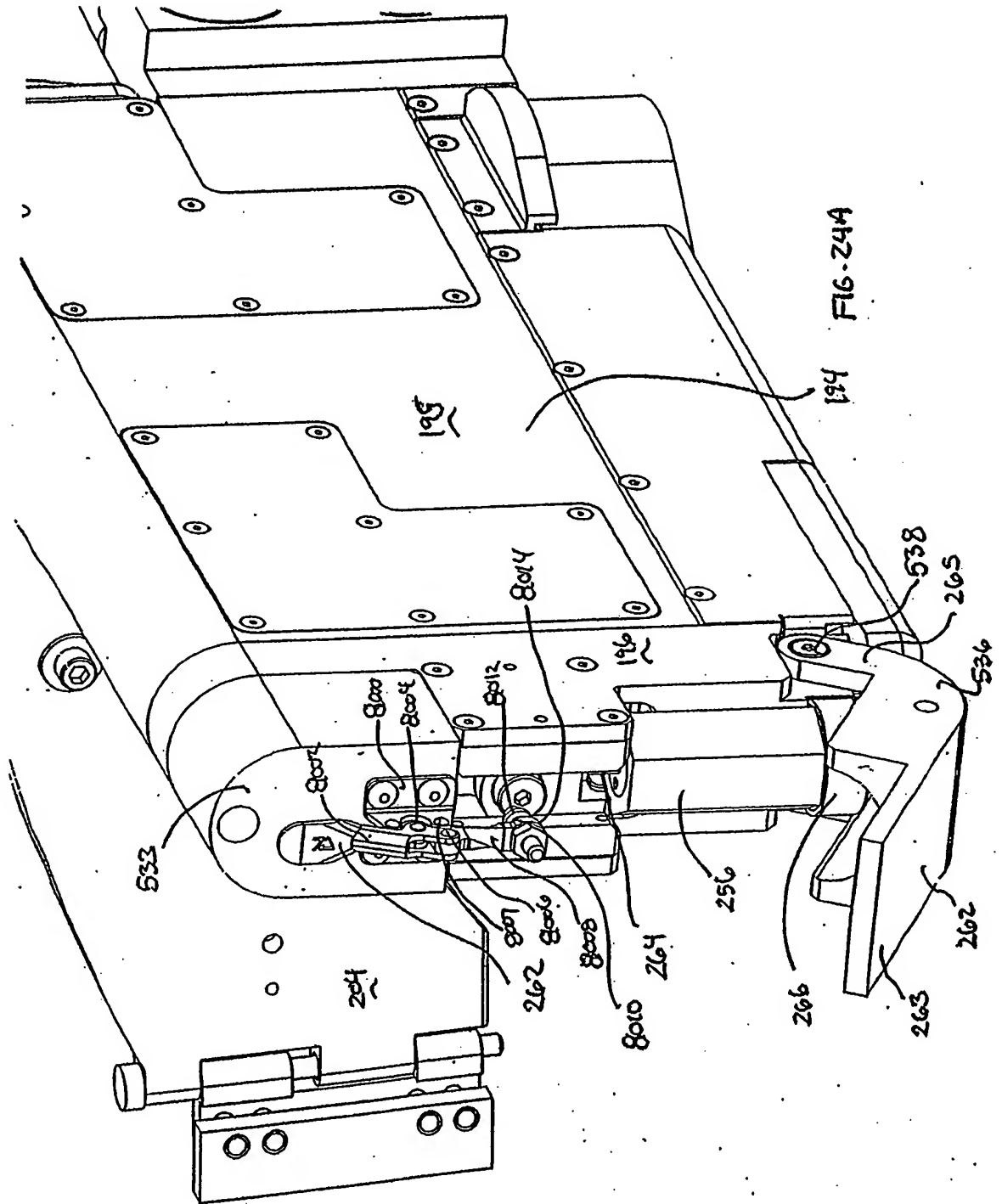


FIG. 22

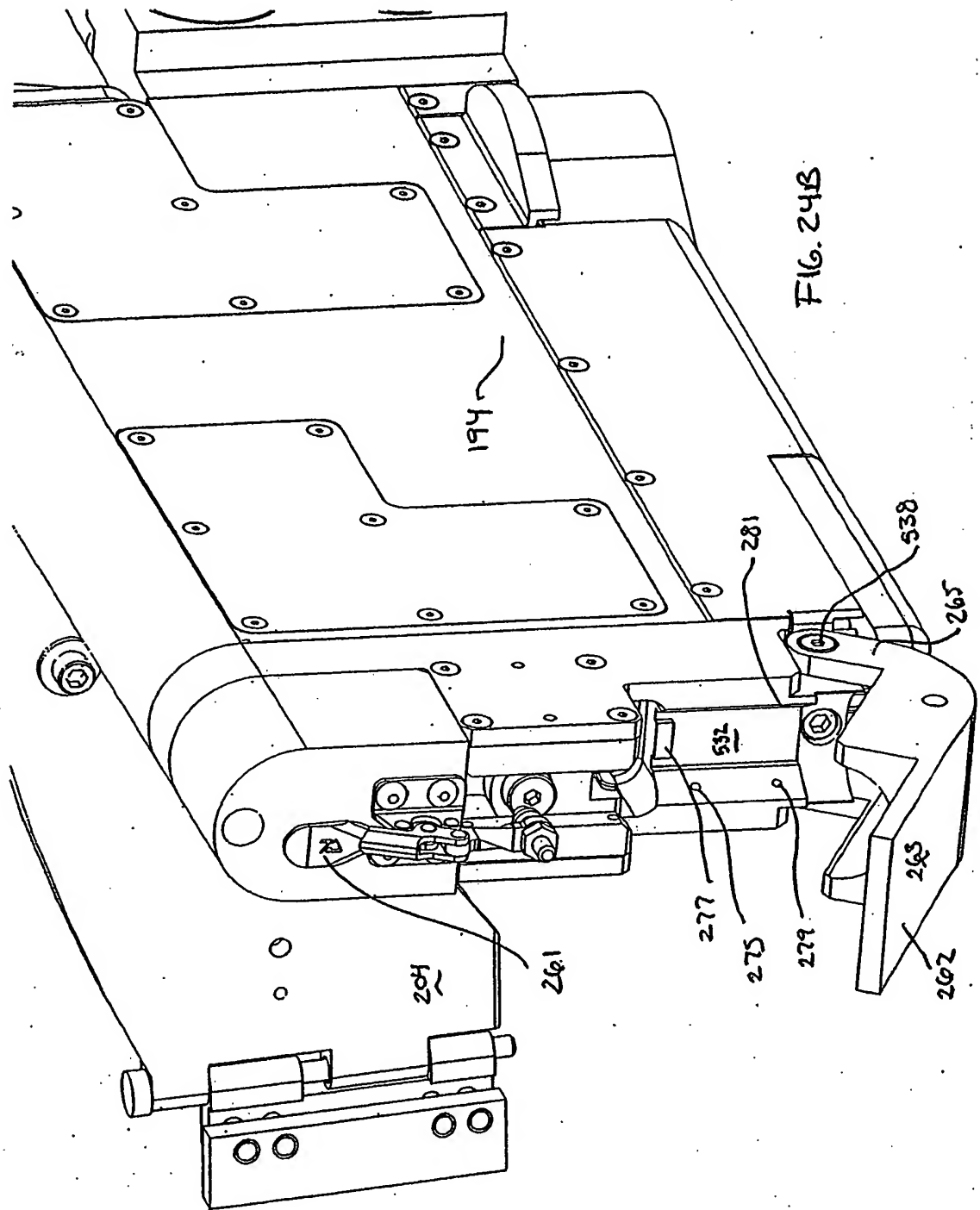
Replacement Sheet



Replacement Sheet



Replacement Sheet



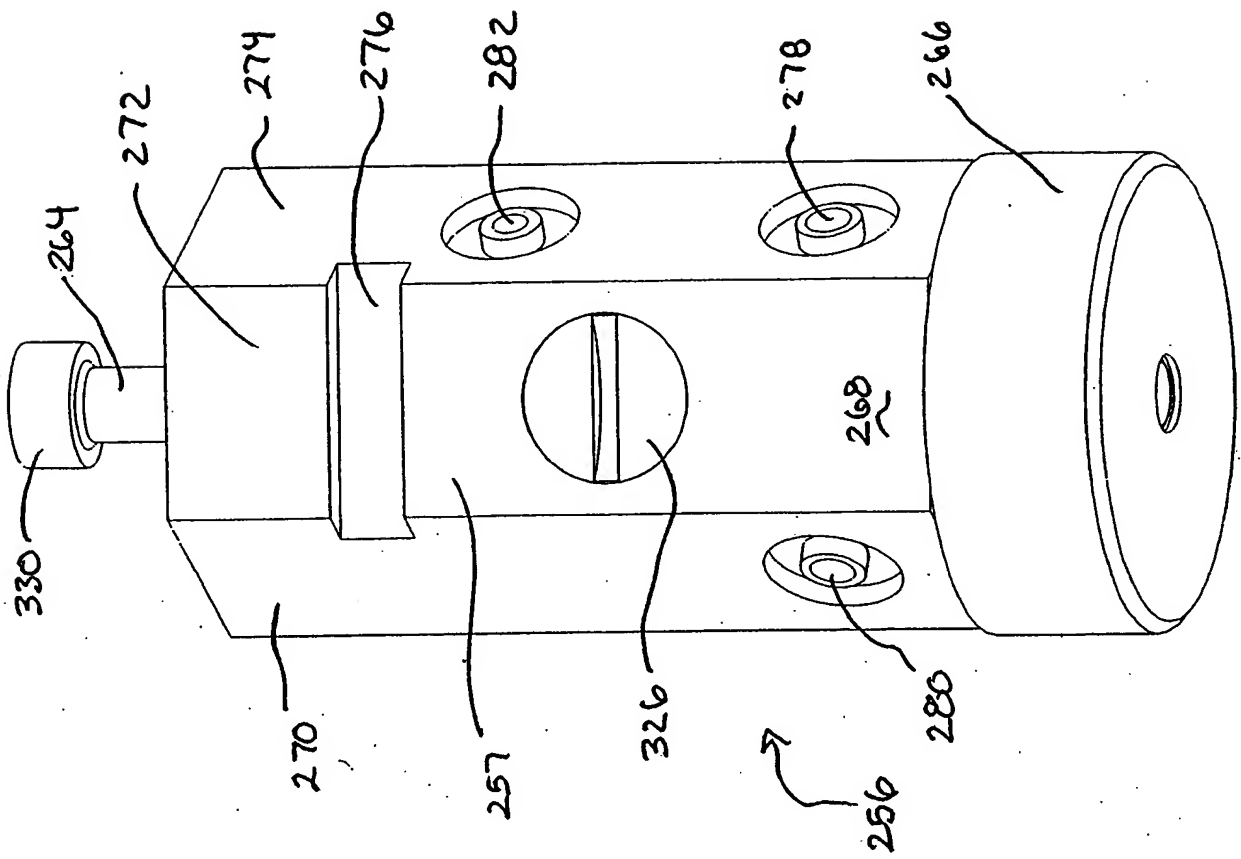


FIG. 25

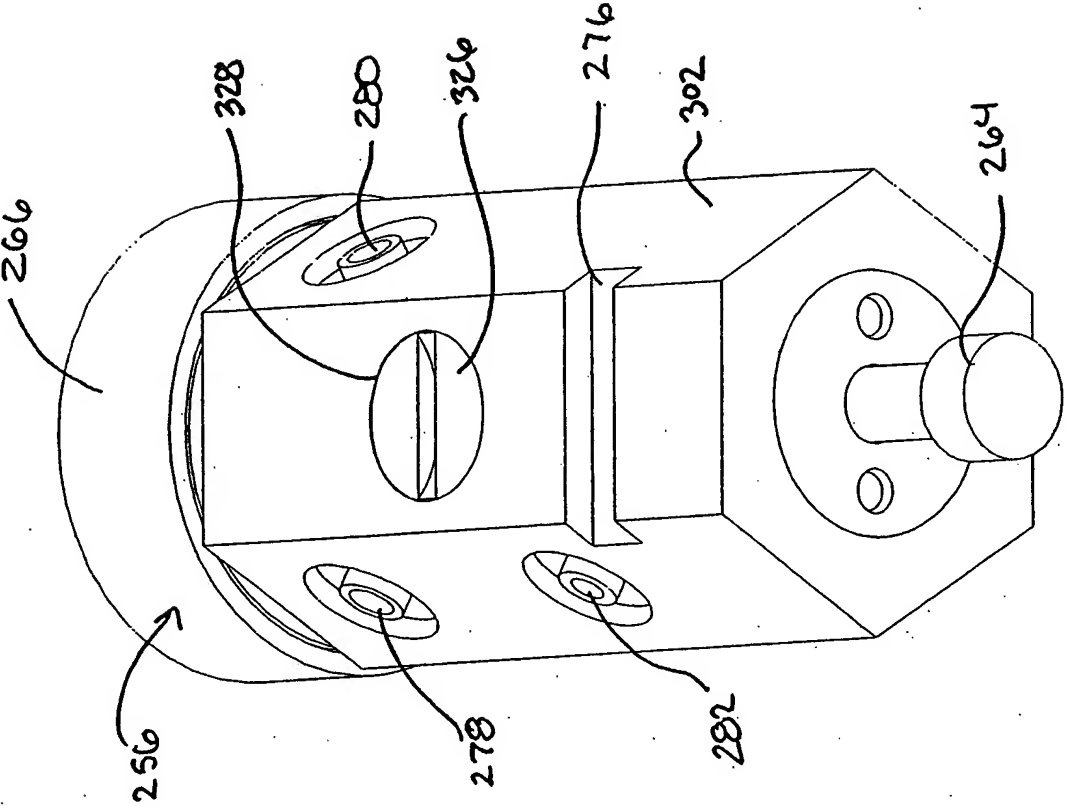
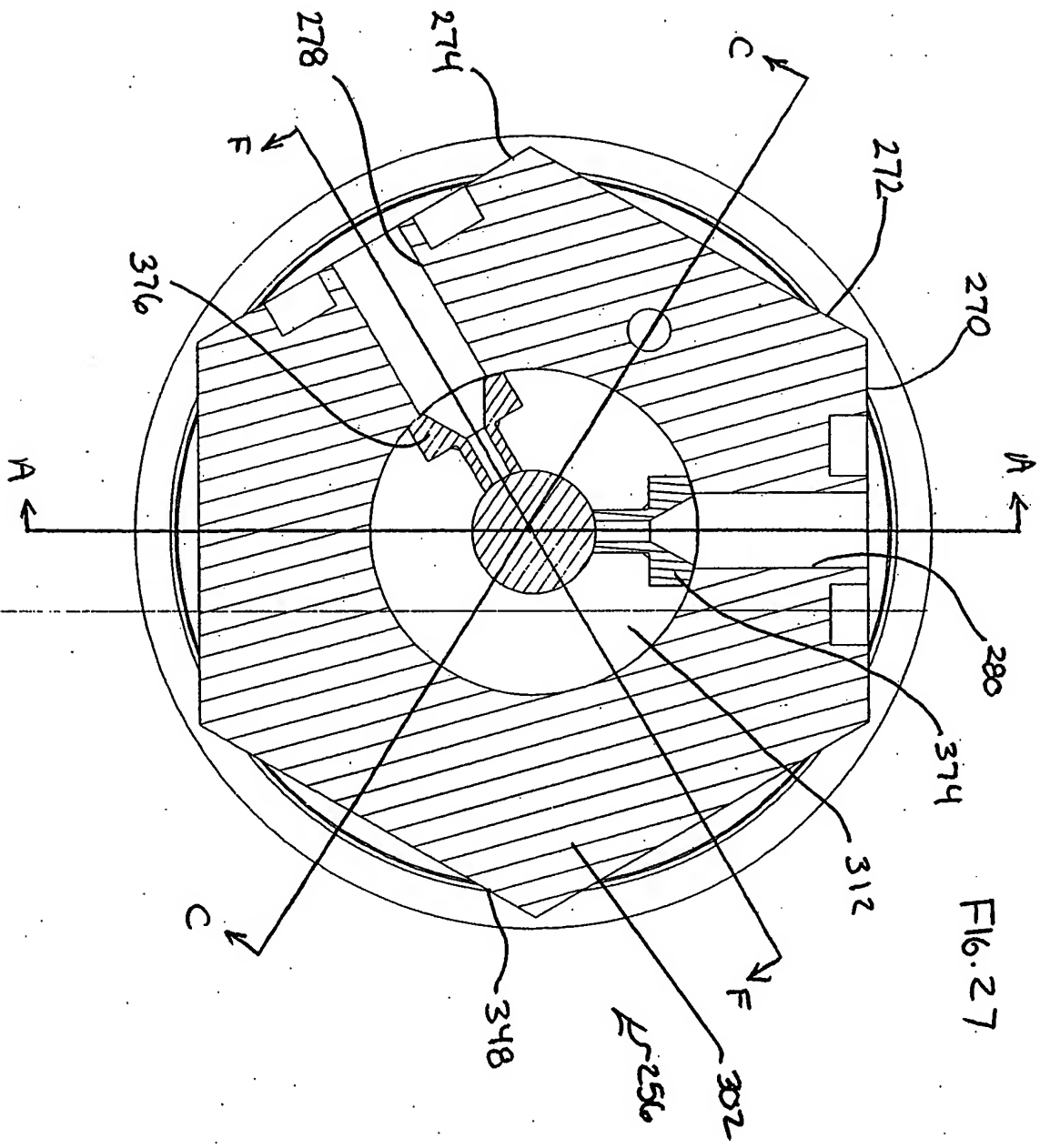


FIG. 26

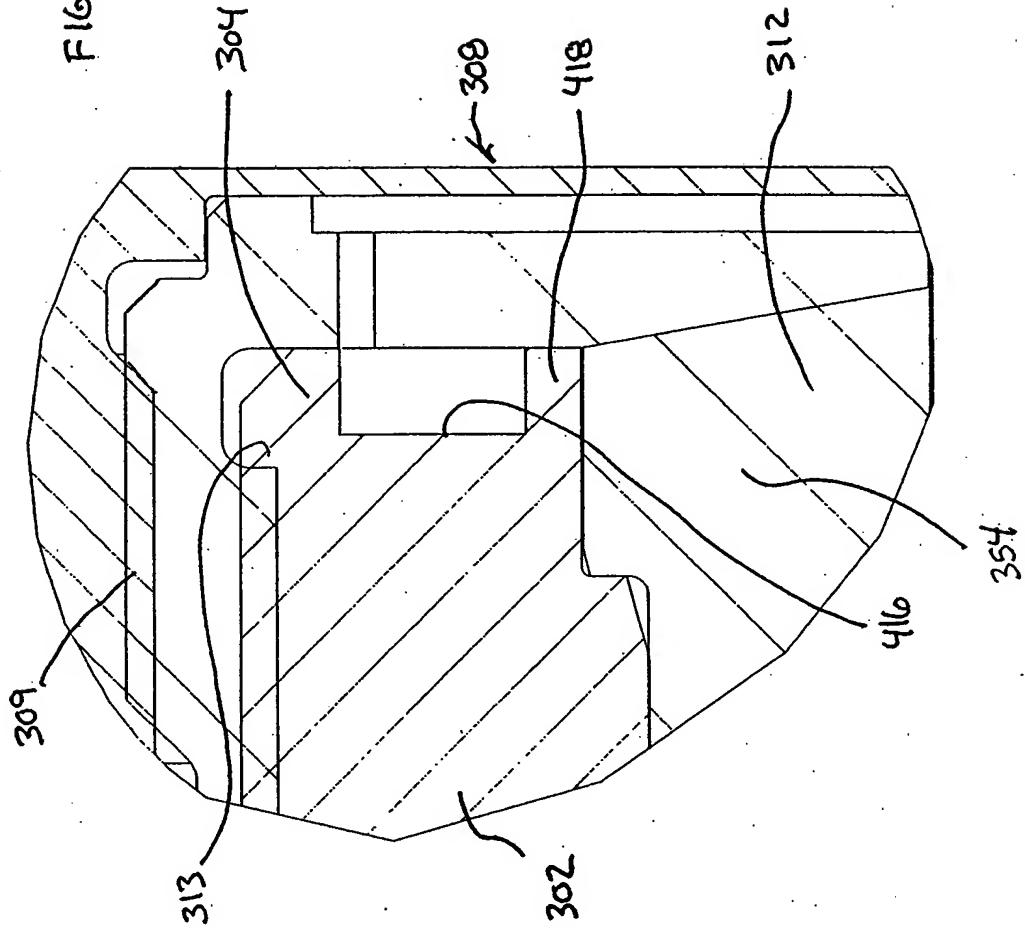


Abstract



Replacement Sheet

FIG. 28A



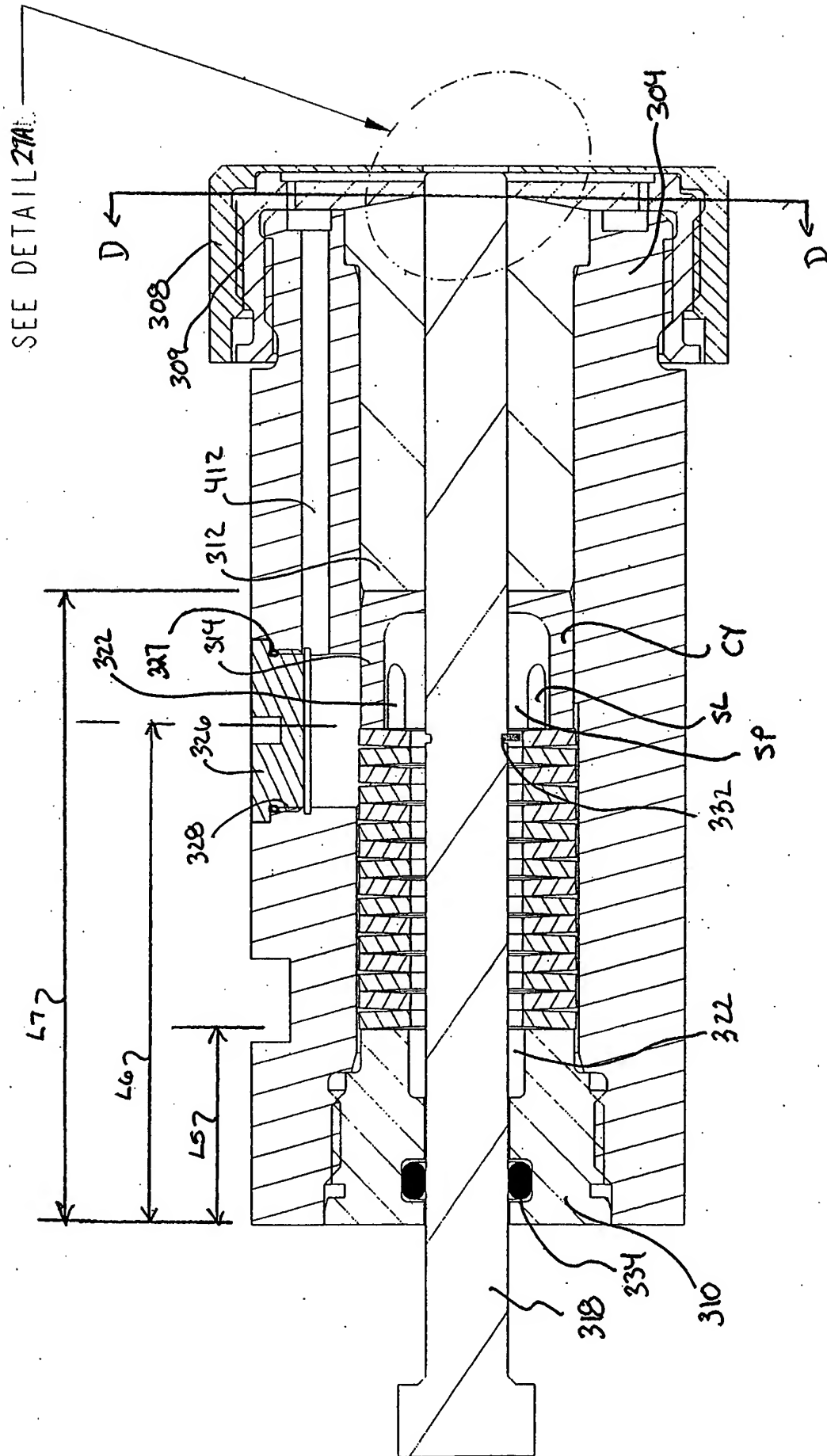


FIG. 29

FIG. 29A

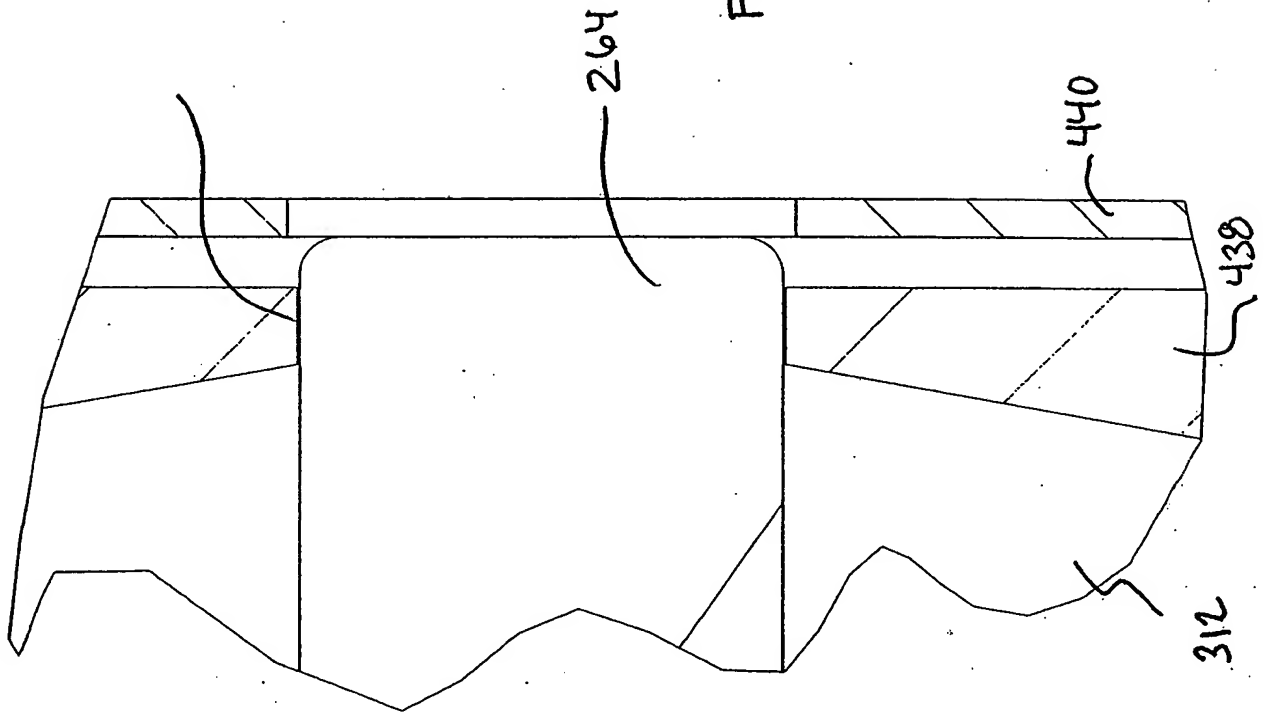
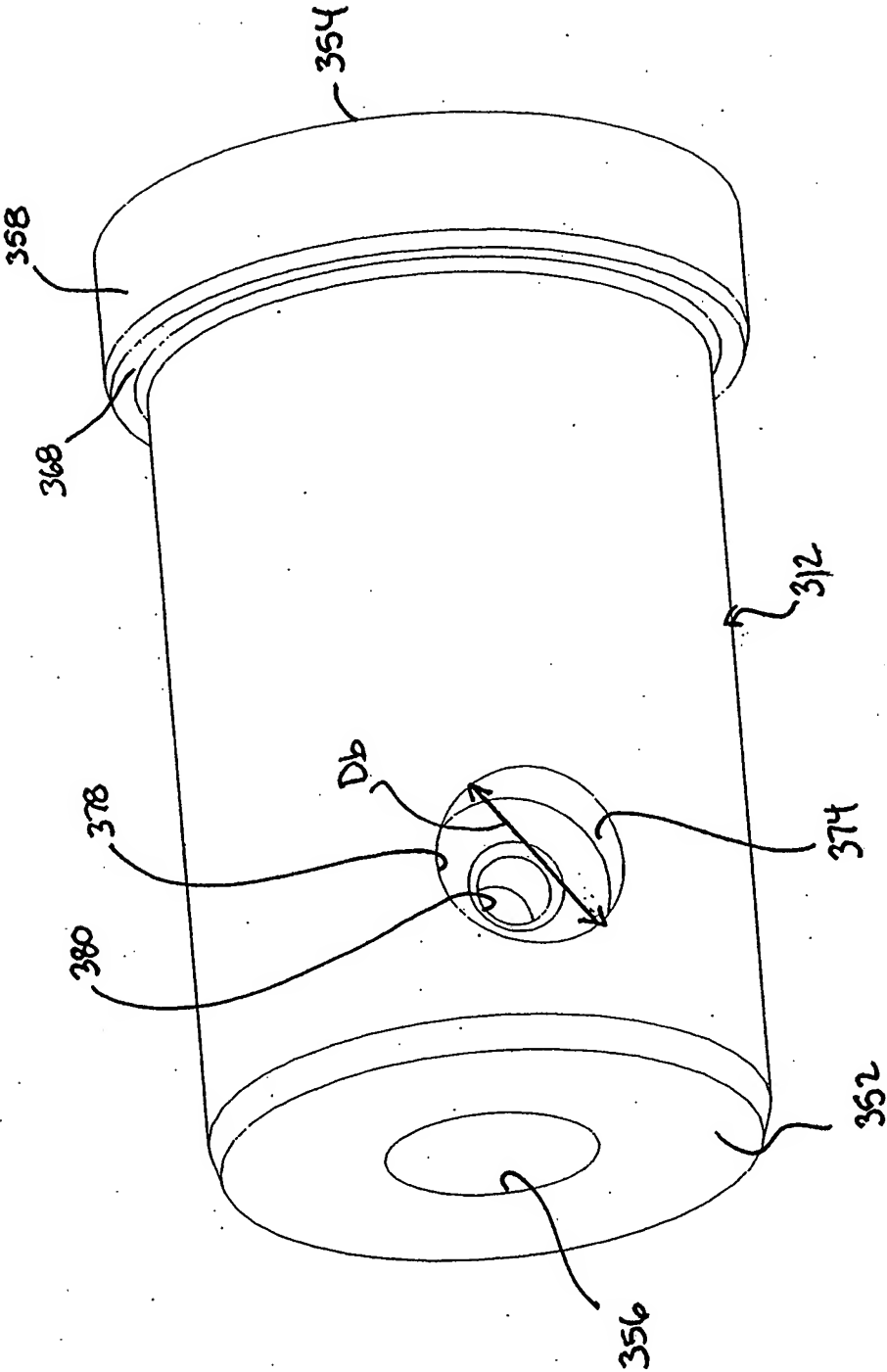
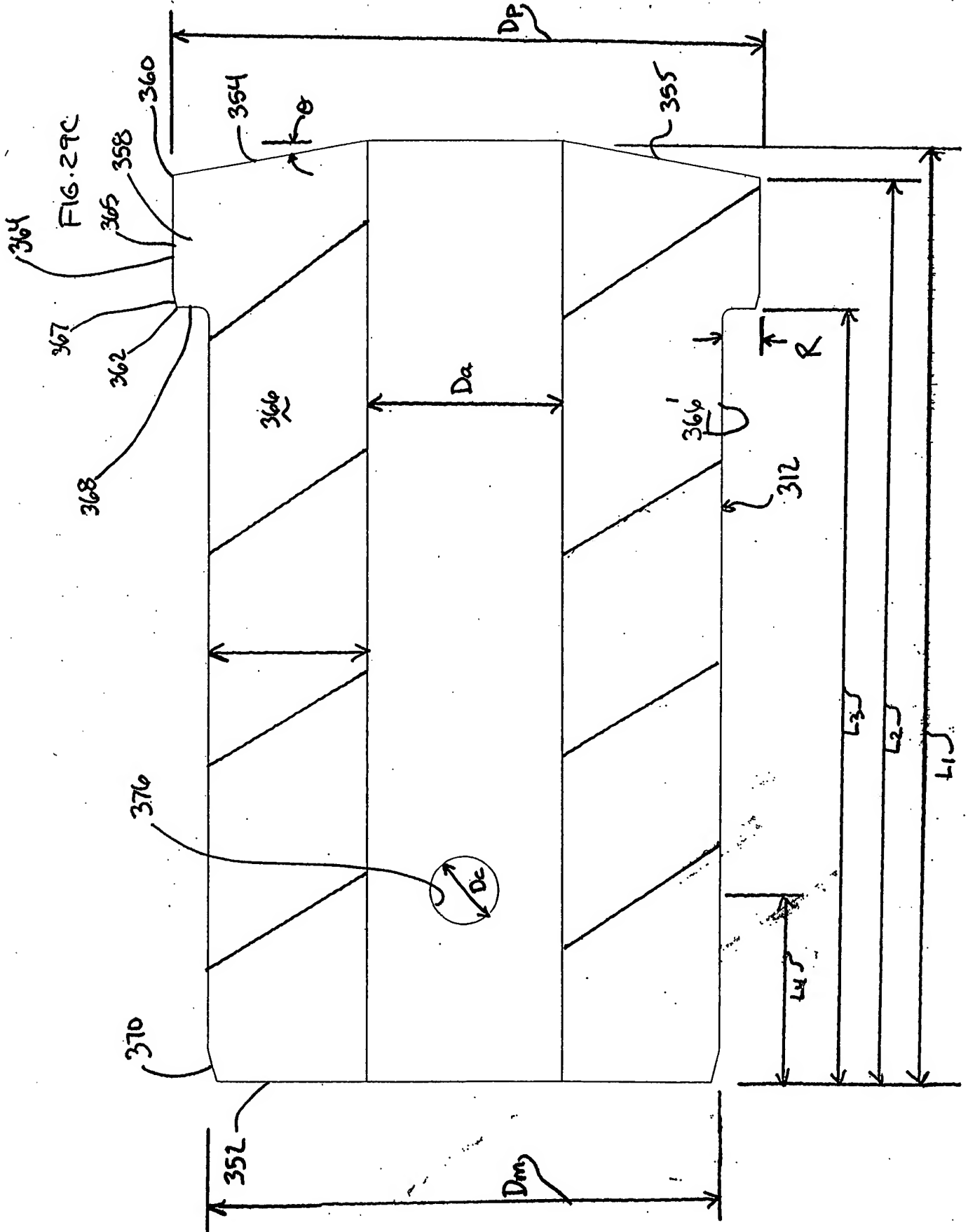
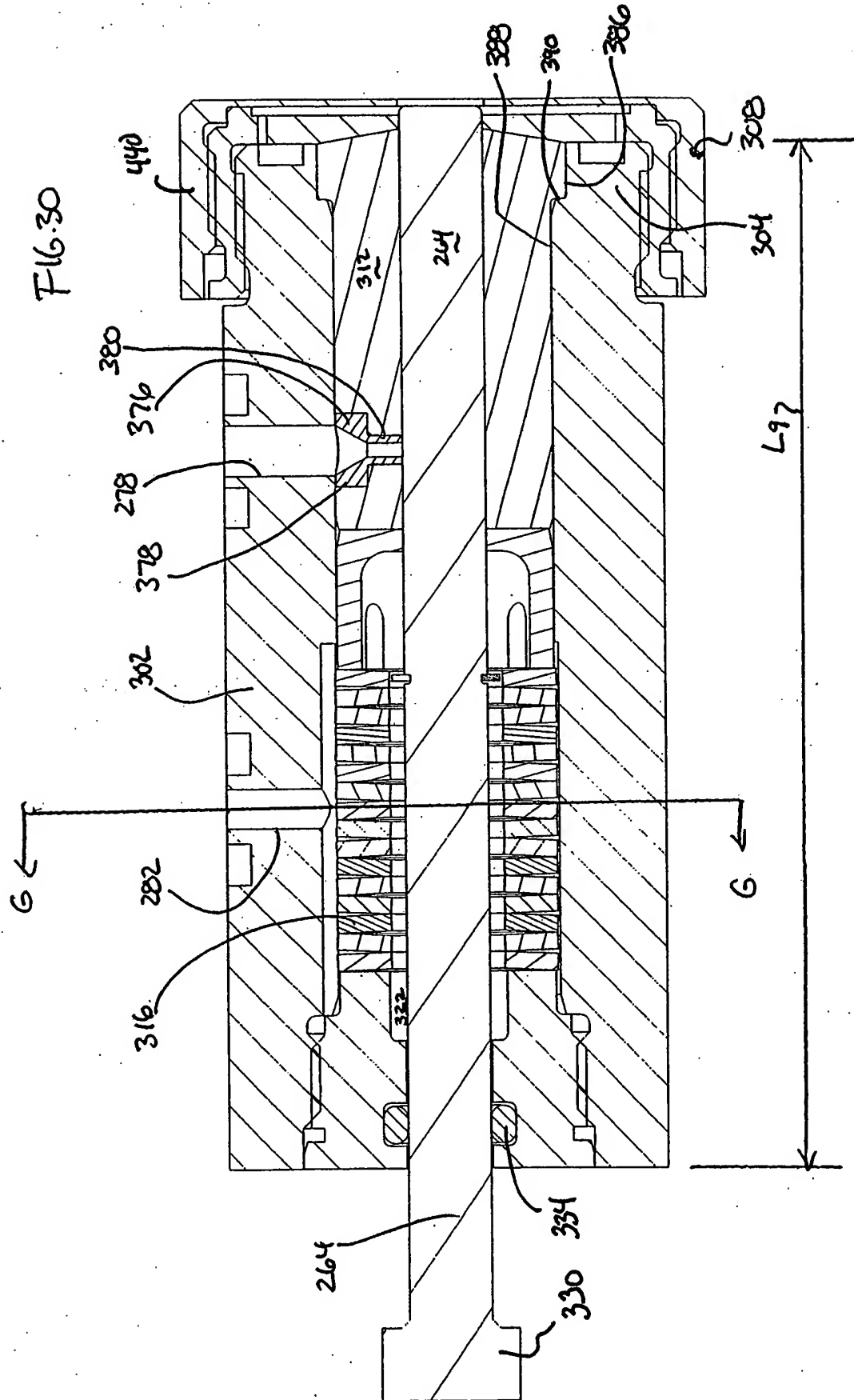


FIG. 29B



Replacement Sheet





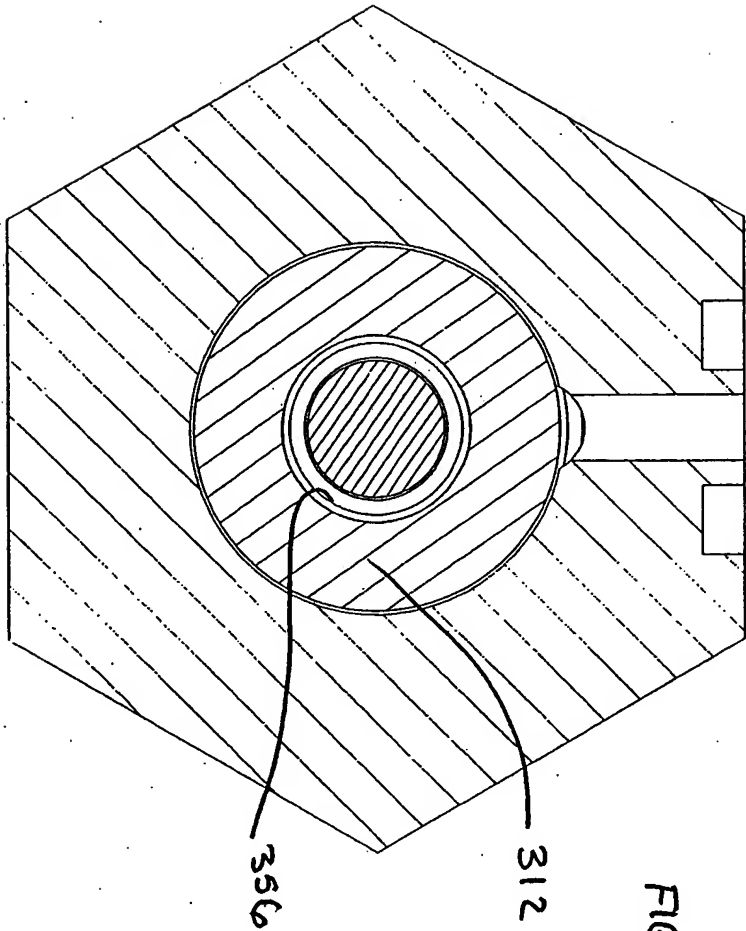


FIG. 31

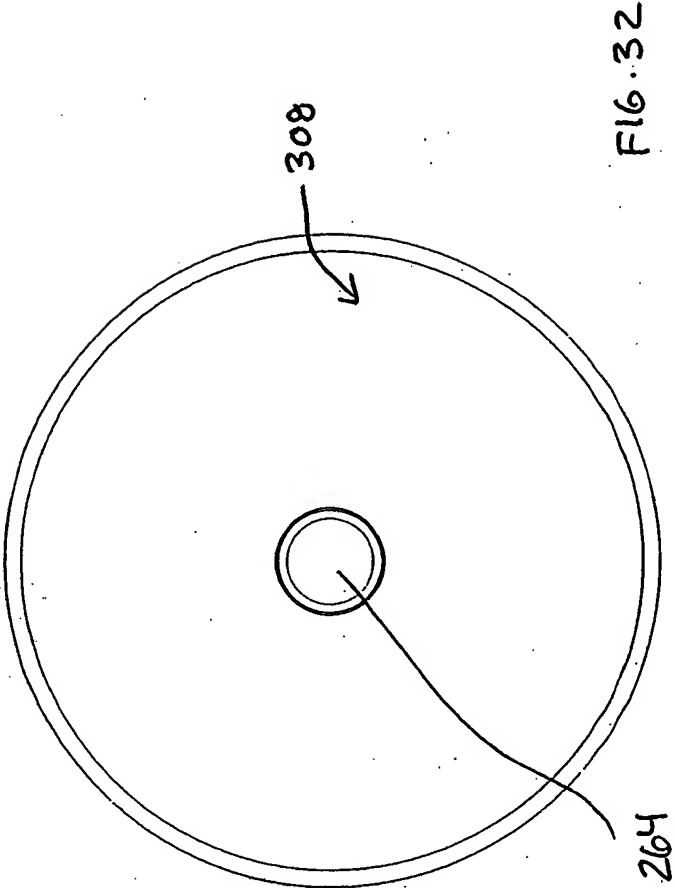
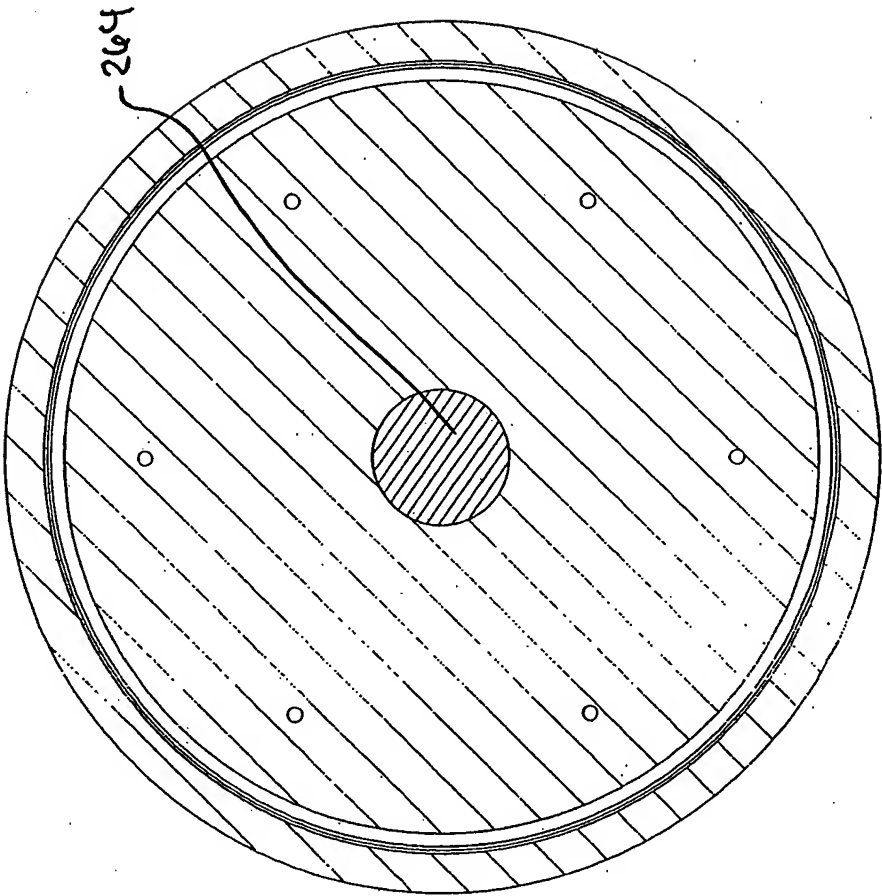


FIG. 32

FIG. 33



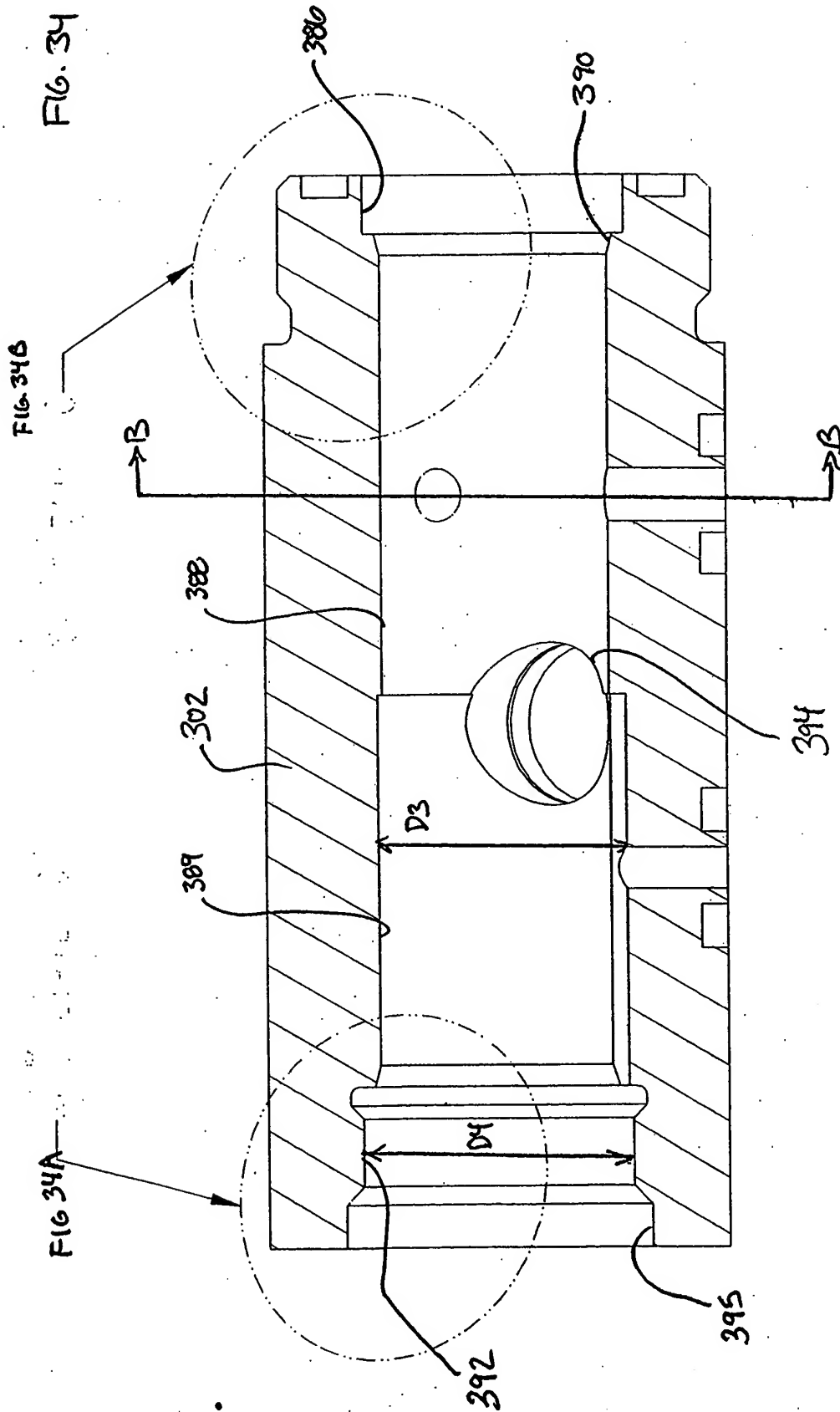
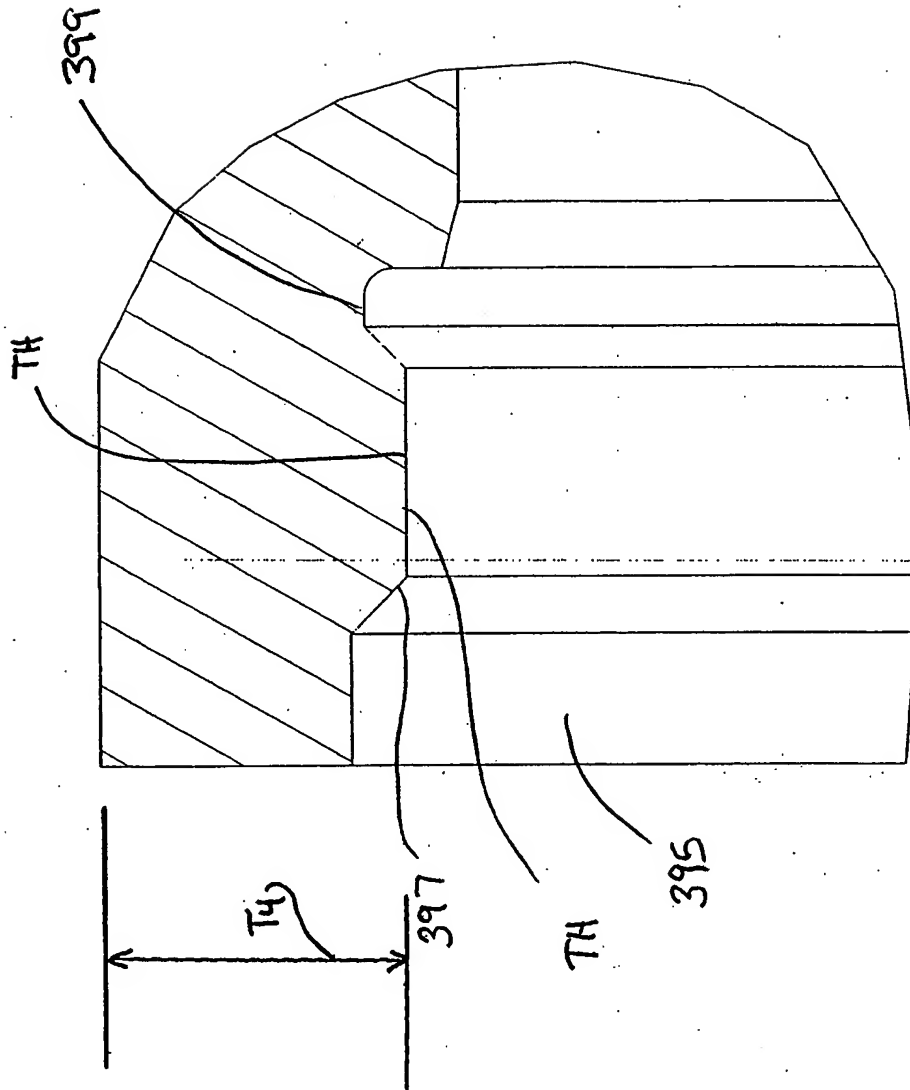


FIG. 34A



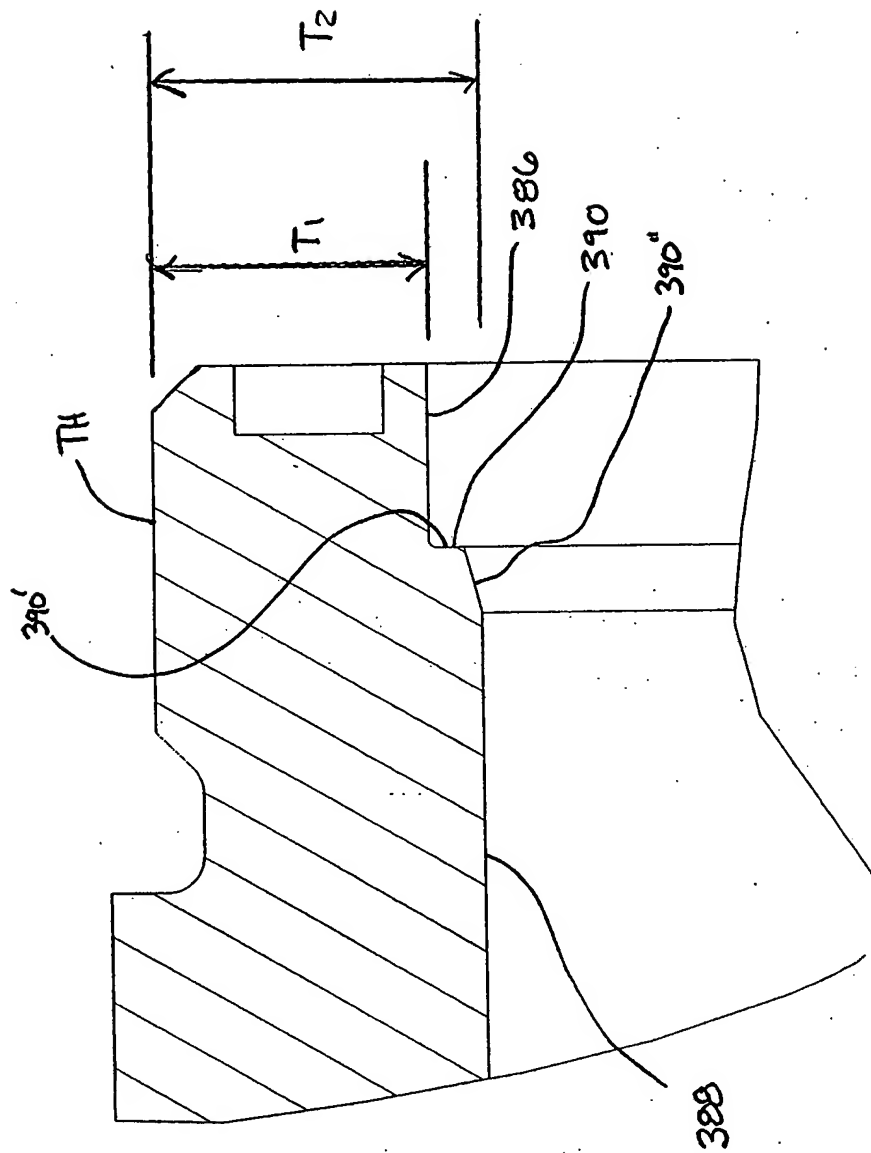


FIG. 34B

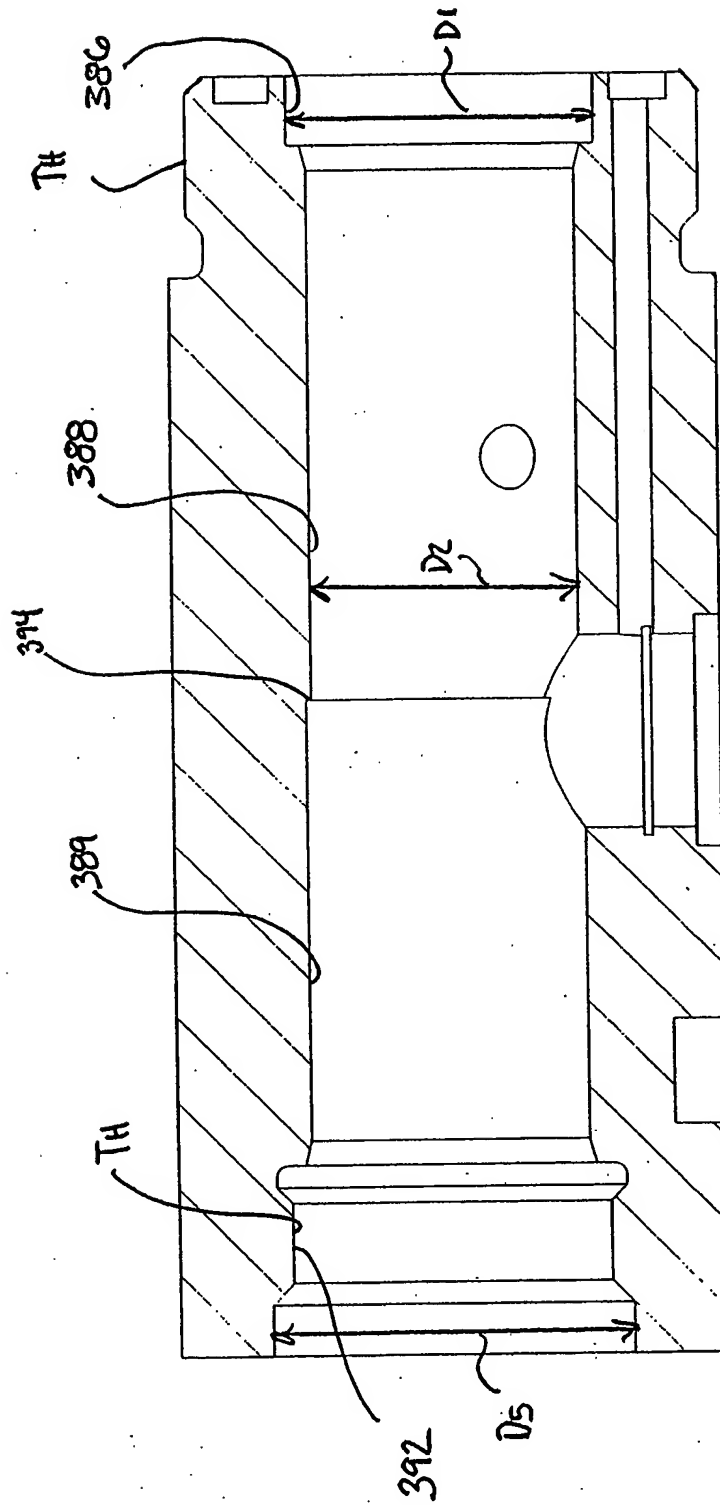
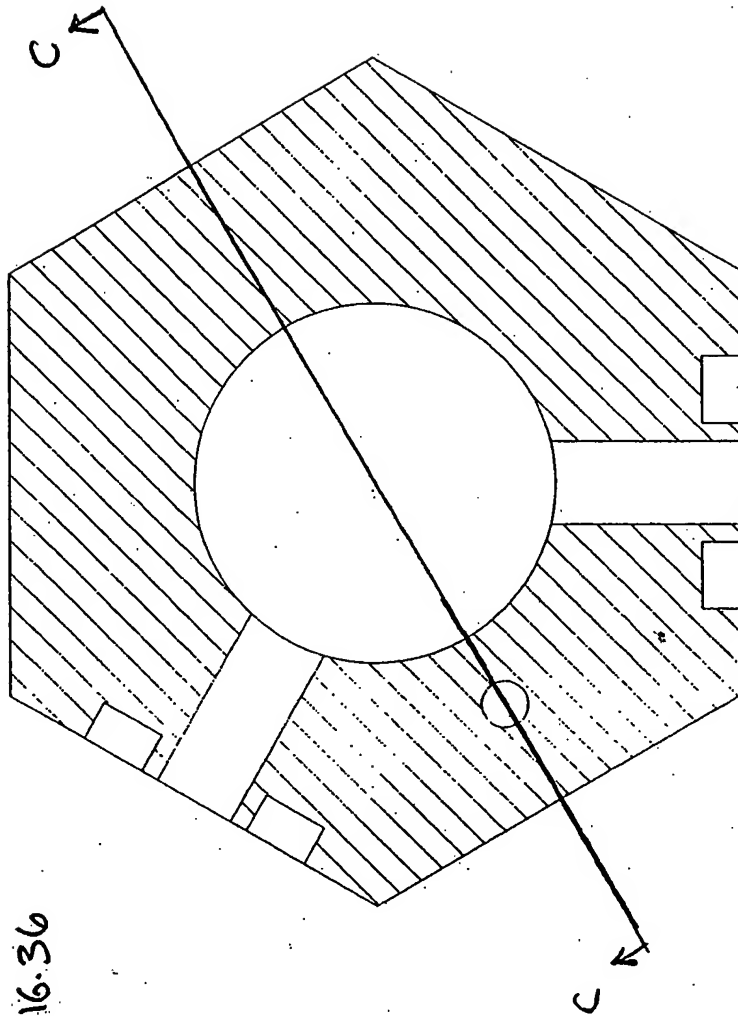
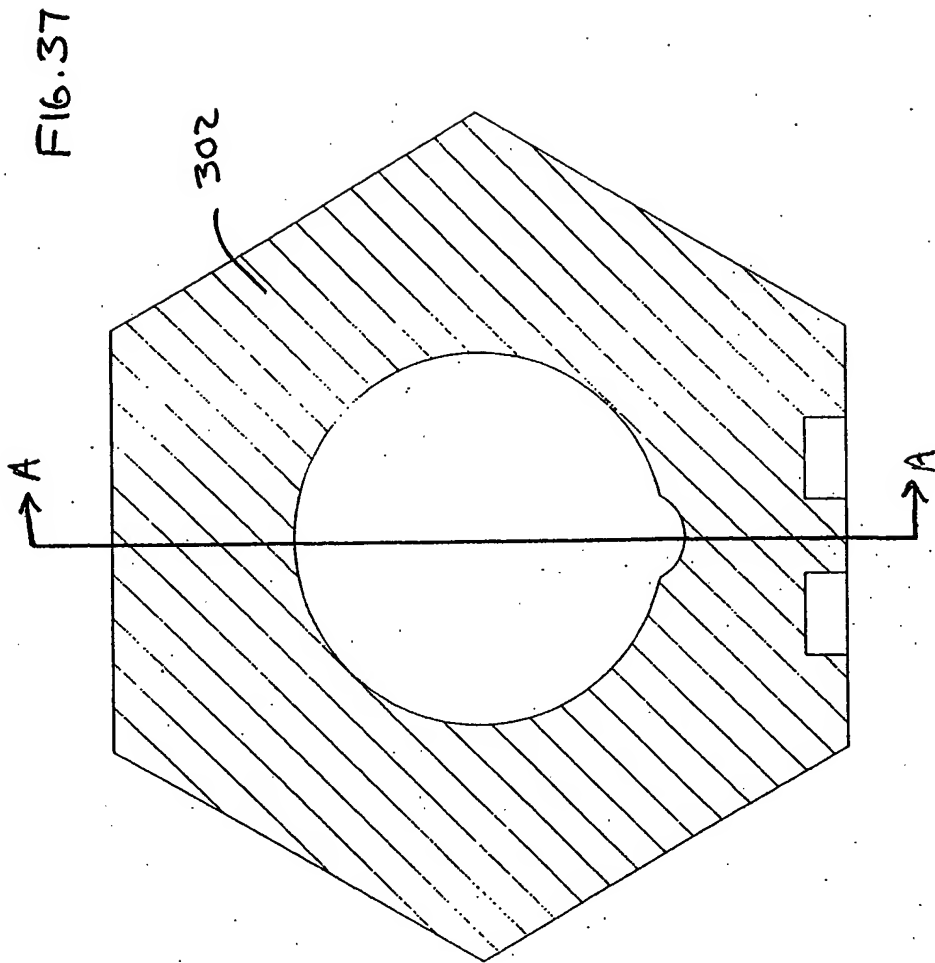


FIG. 35

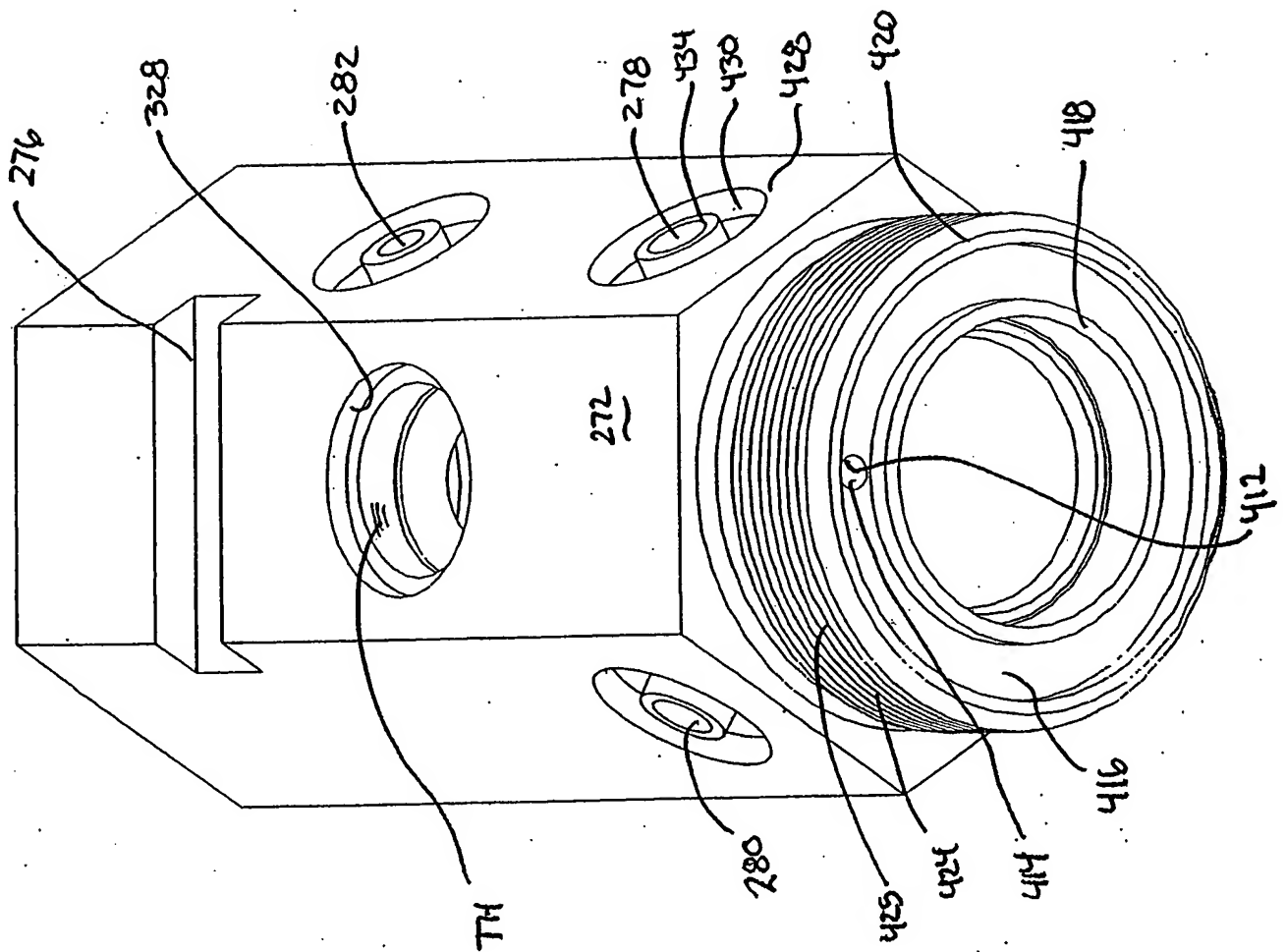
Replacement Sheet



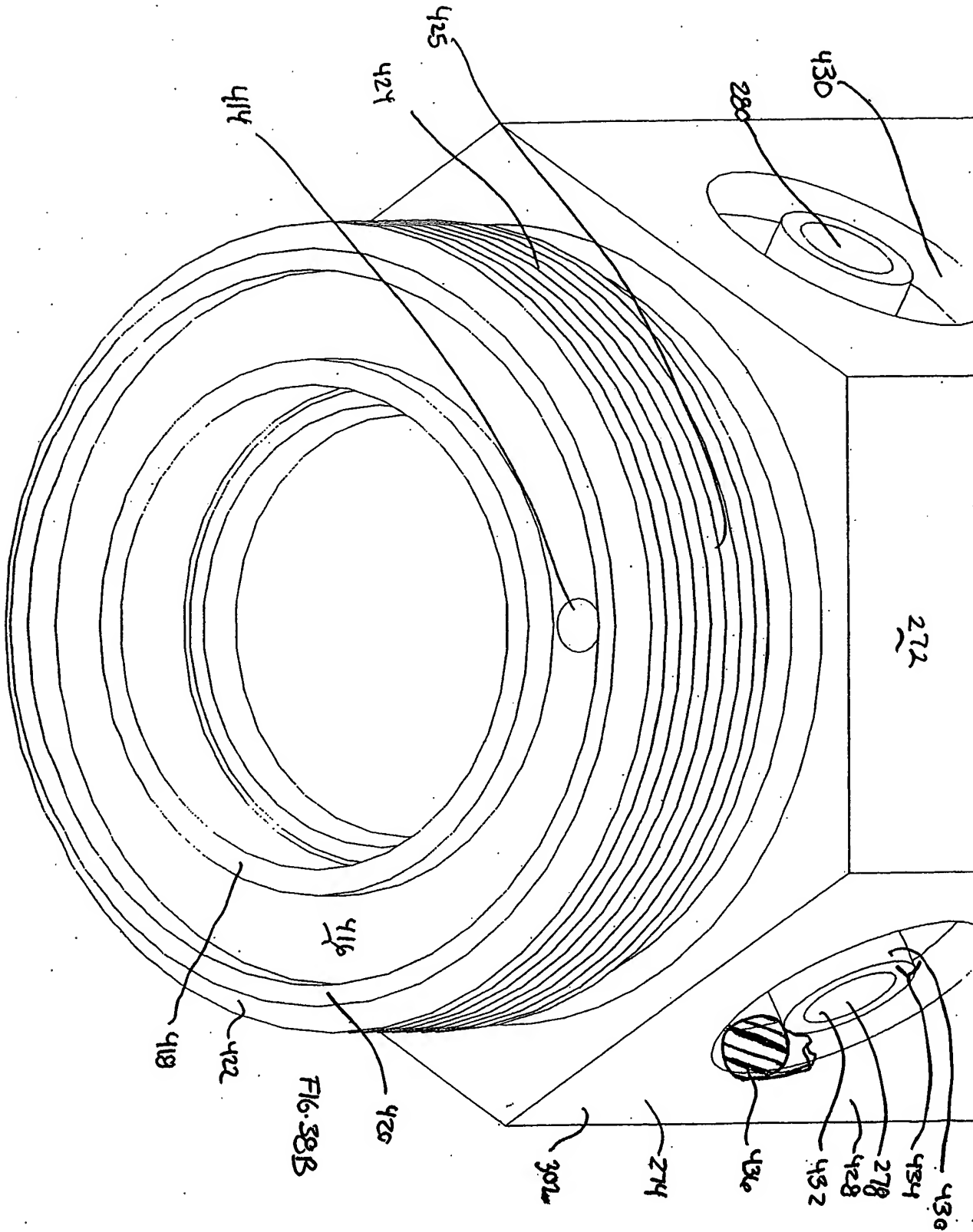
Replacement Sheet



FILE 381A



Replacement Sheet



Replacement Sheet

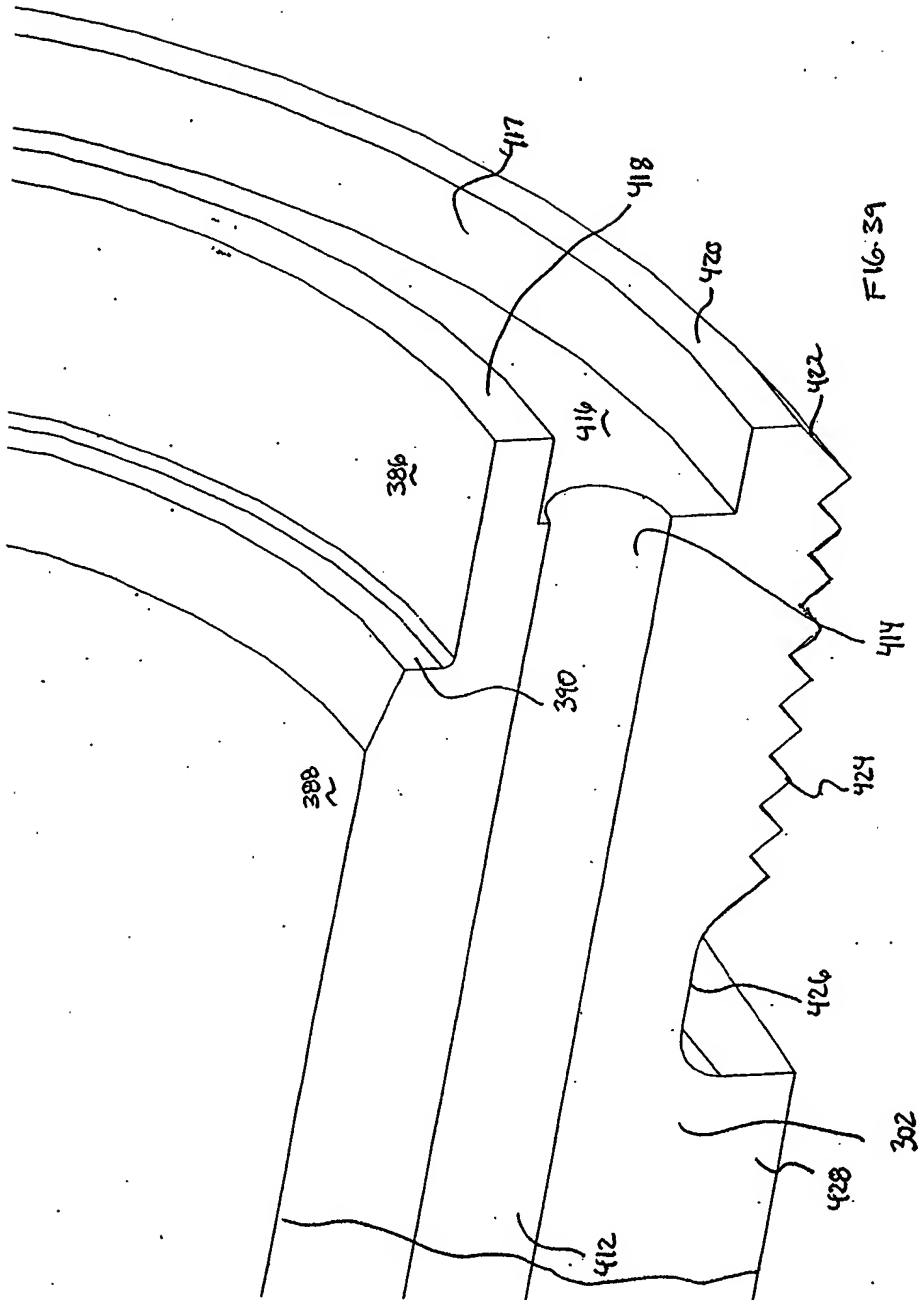


FIG. 40

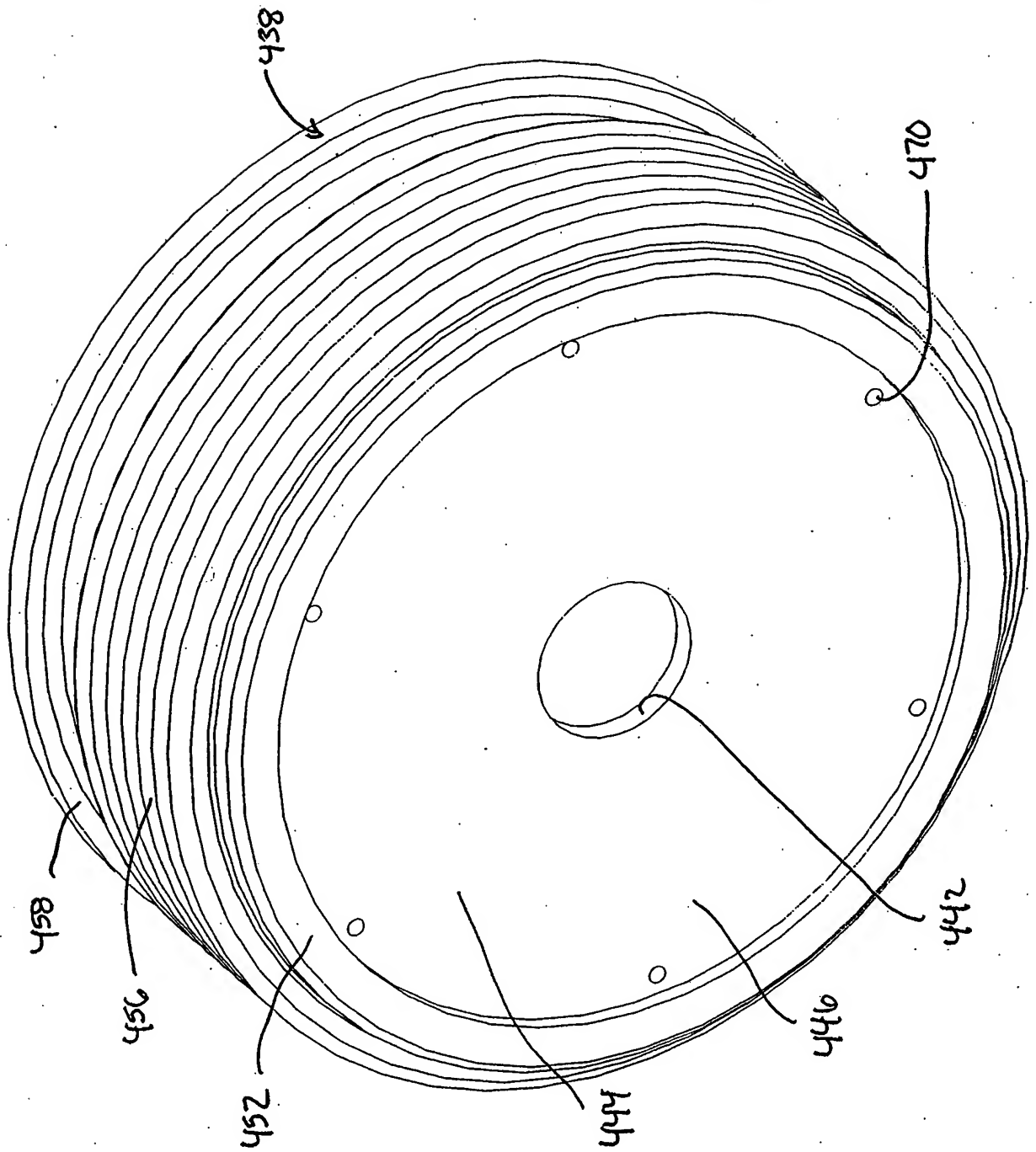
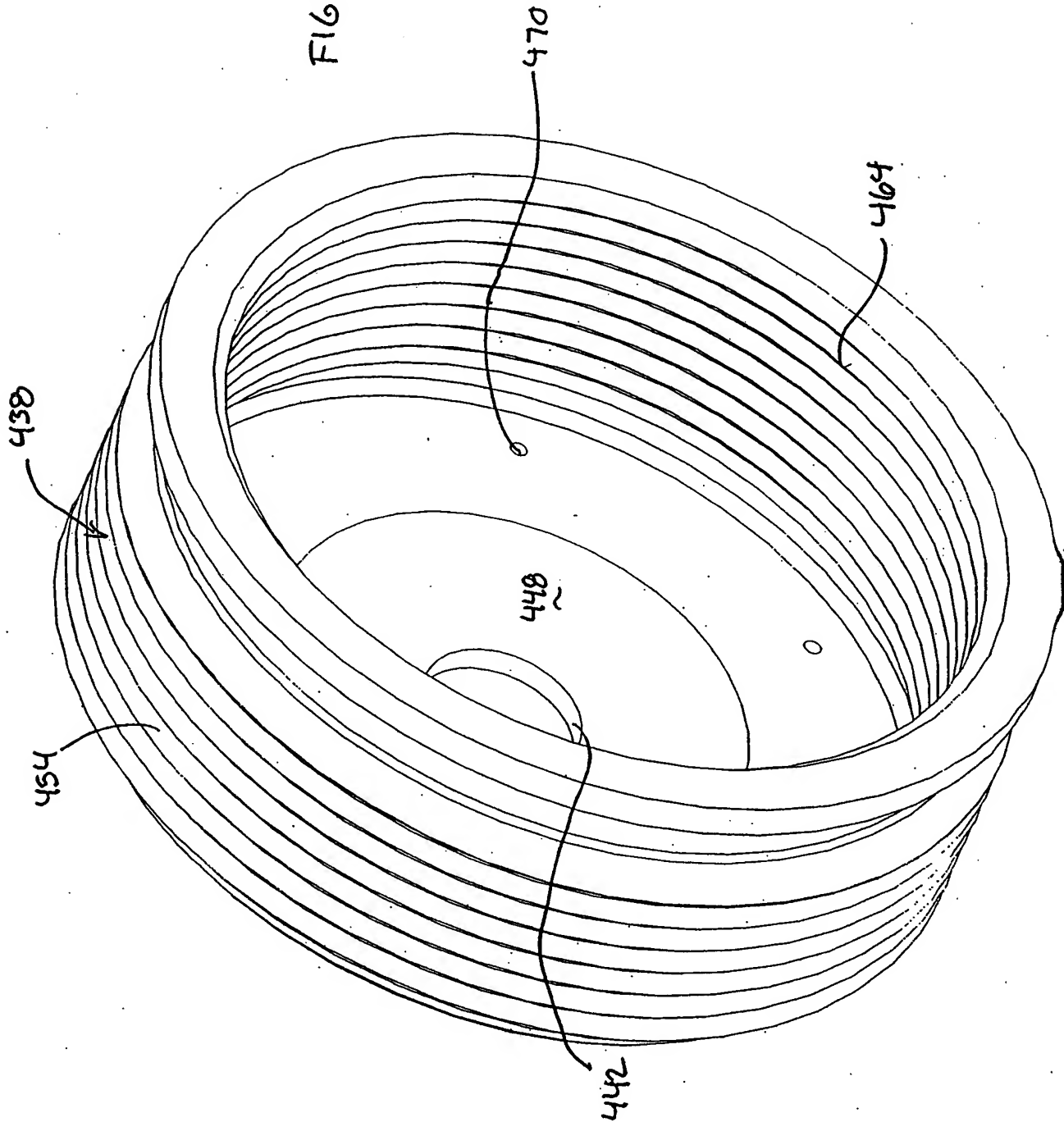
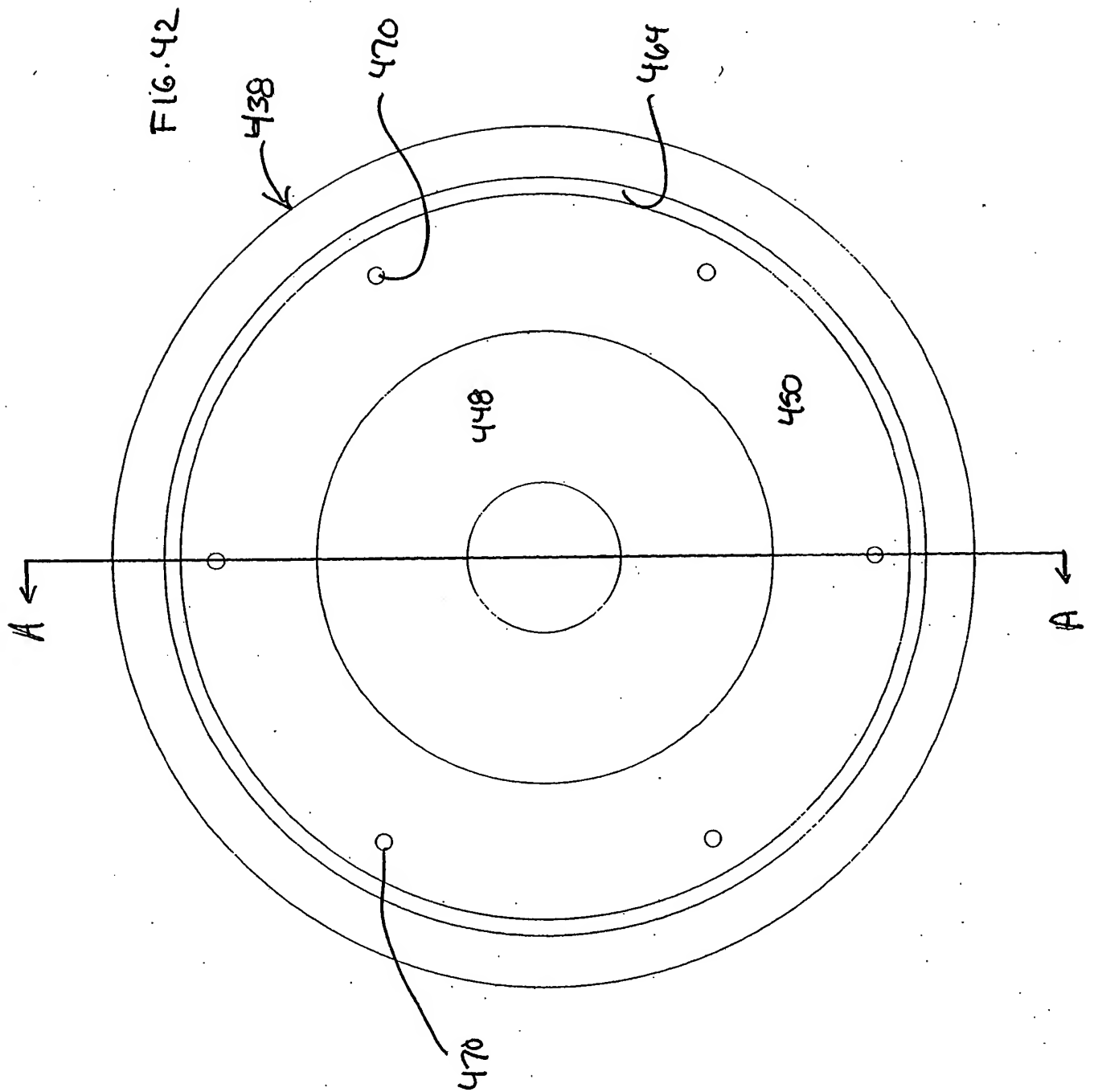


FIG. 41





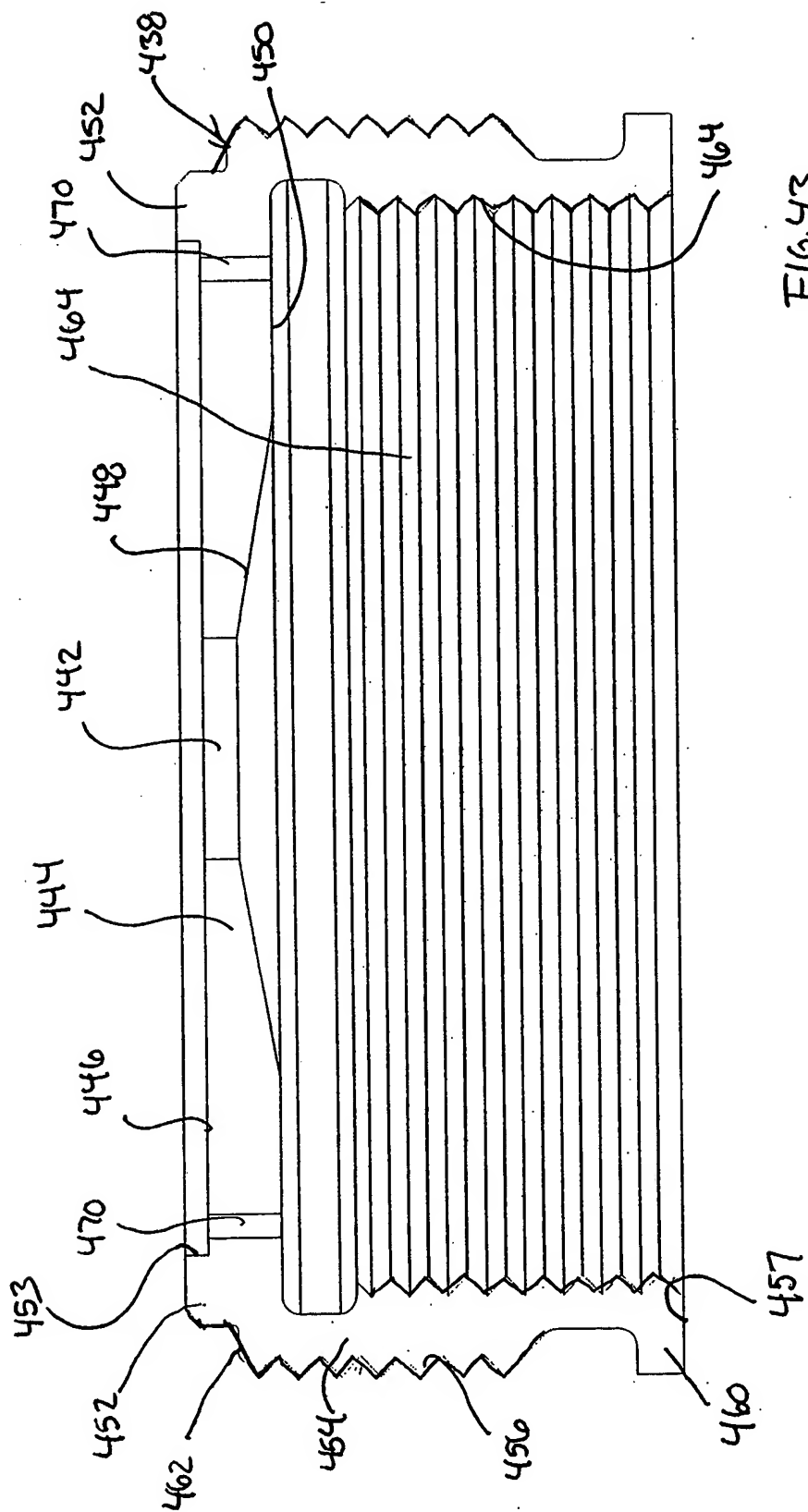


FIG. 43

Replacement Sheet

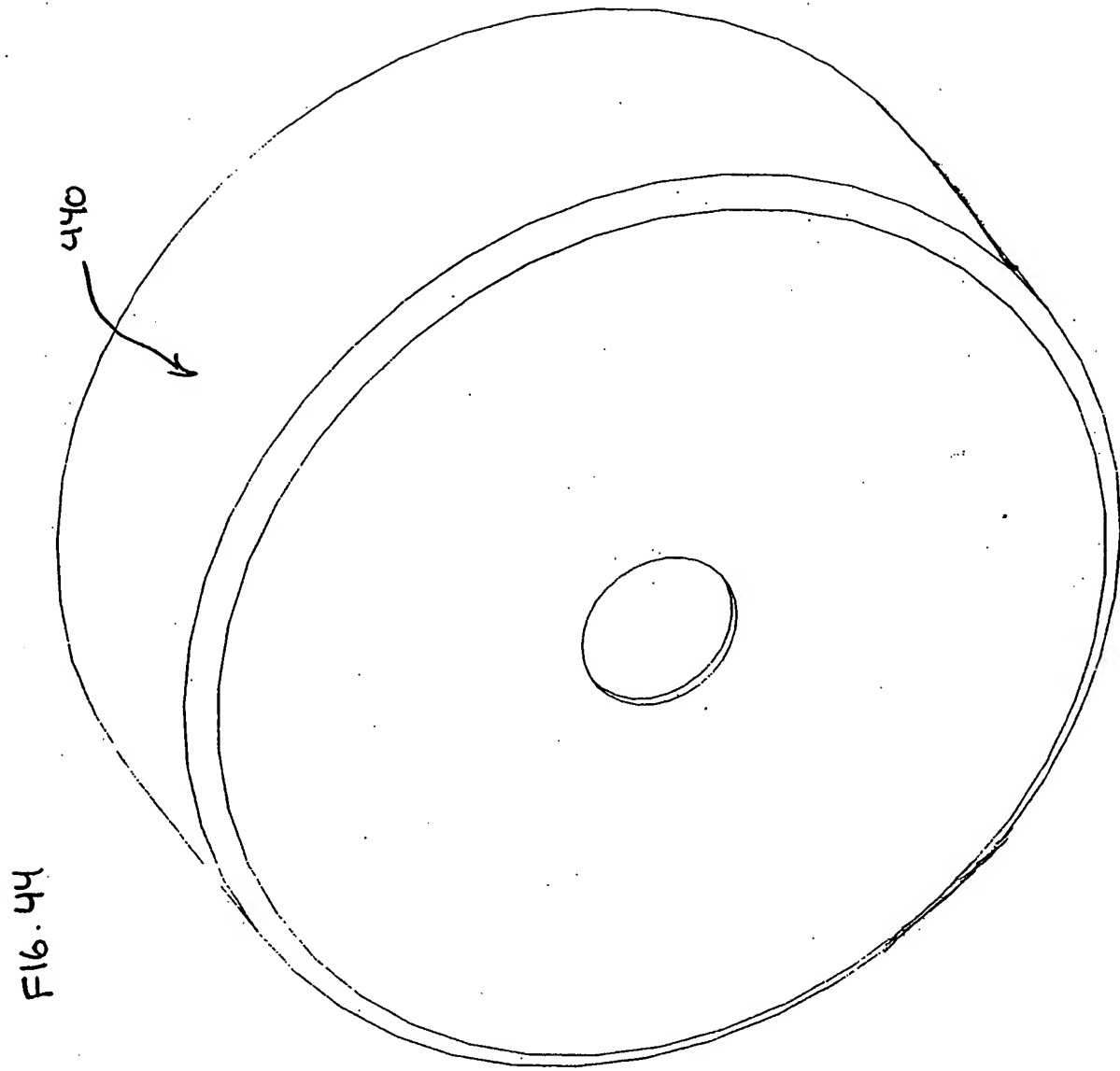
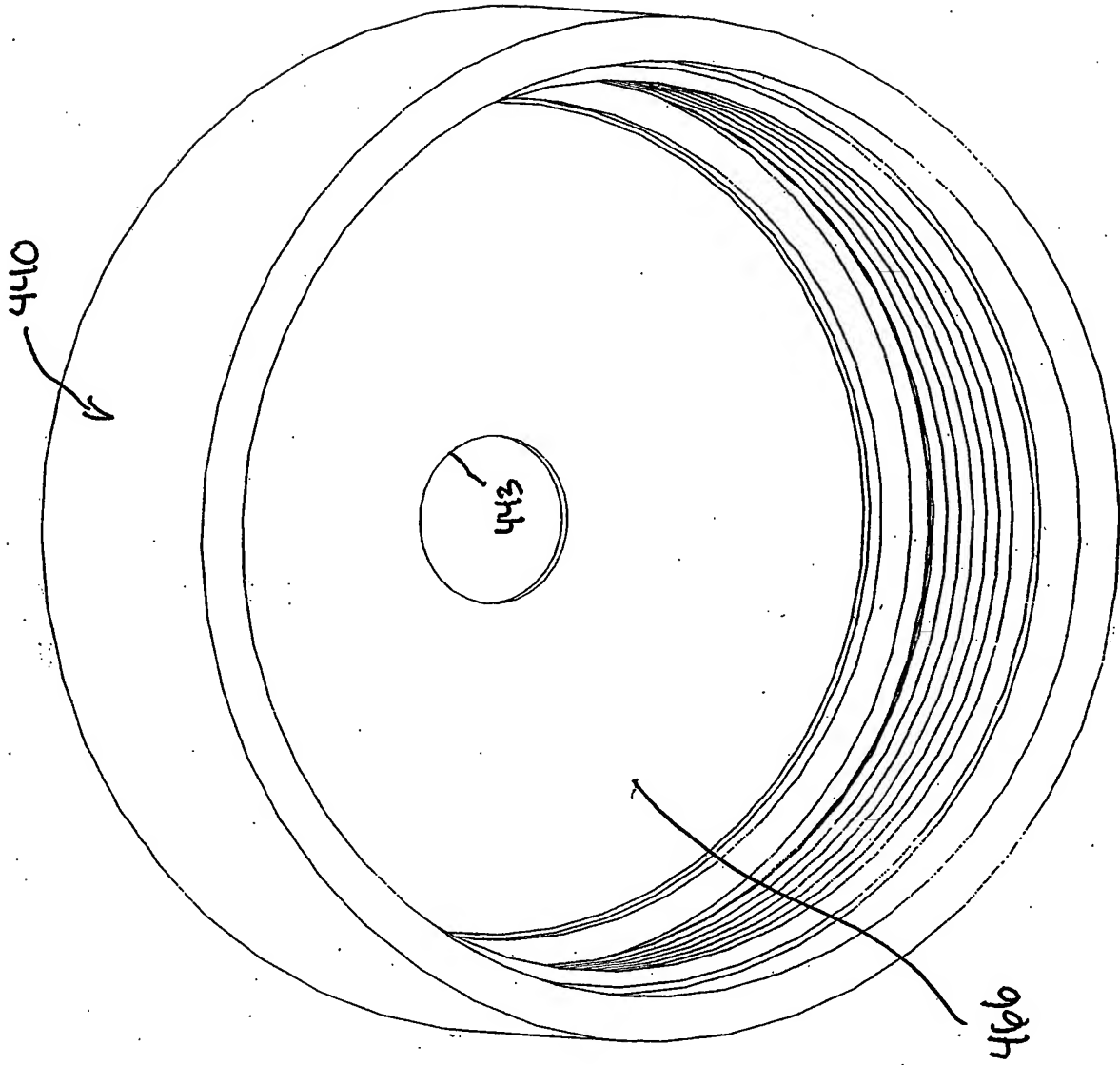
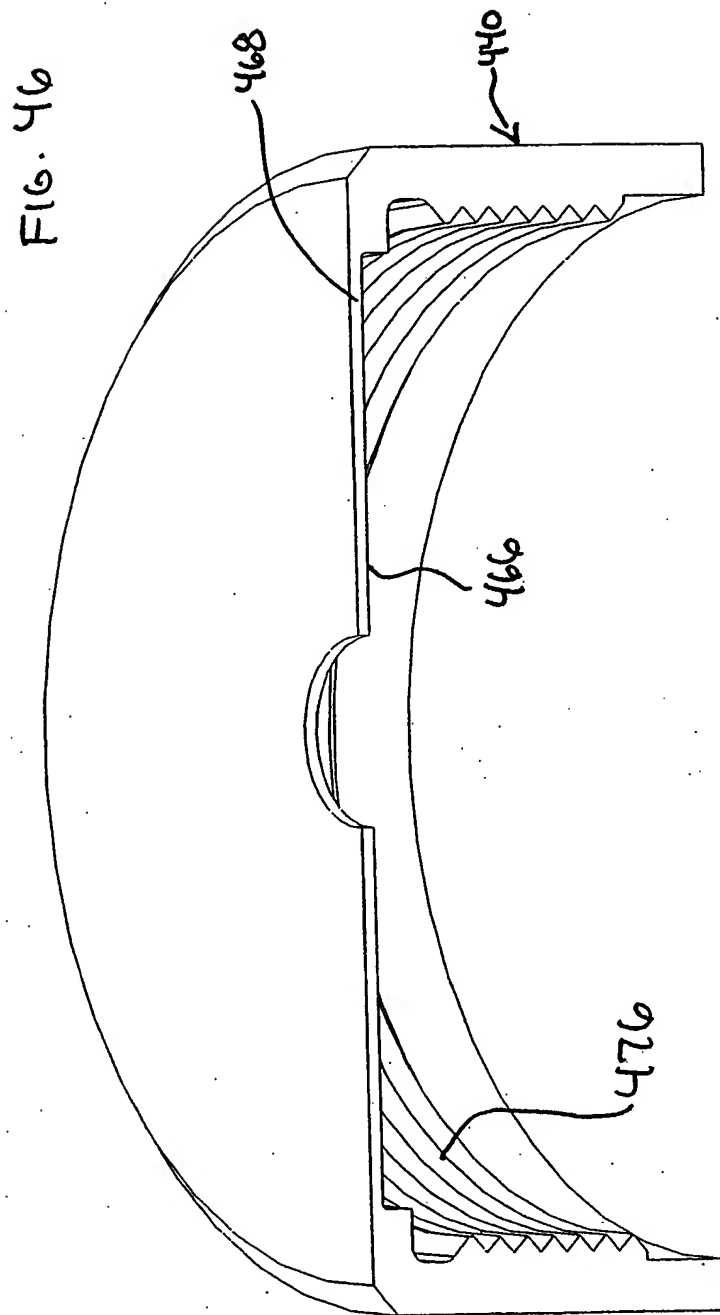


FIG. 45





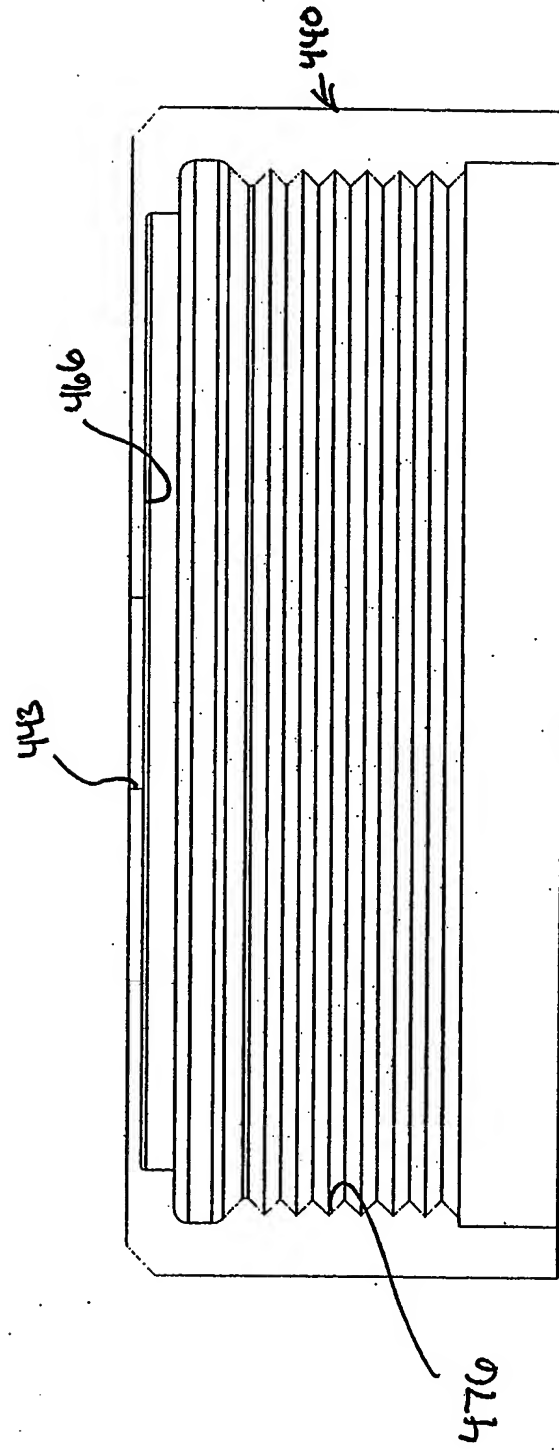
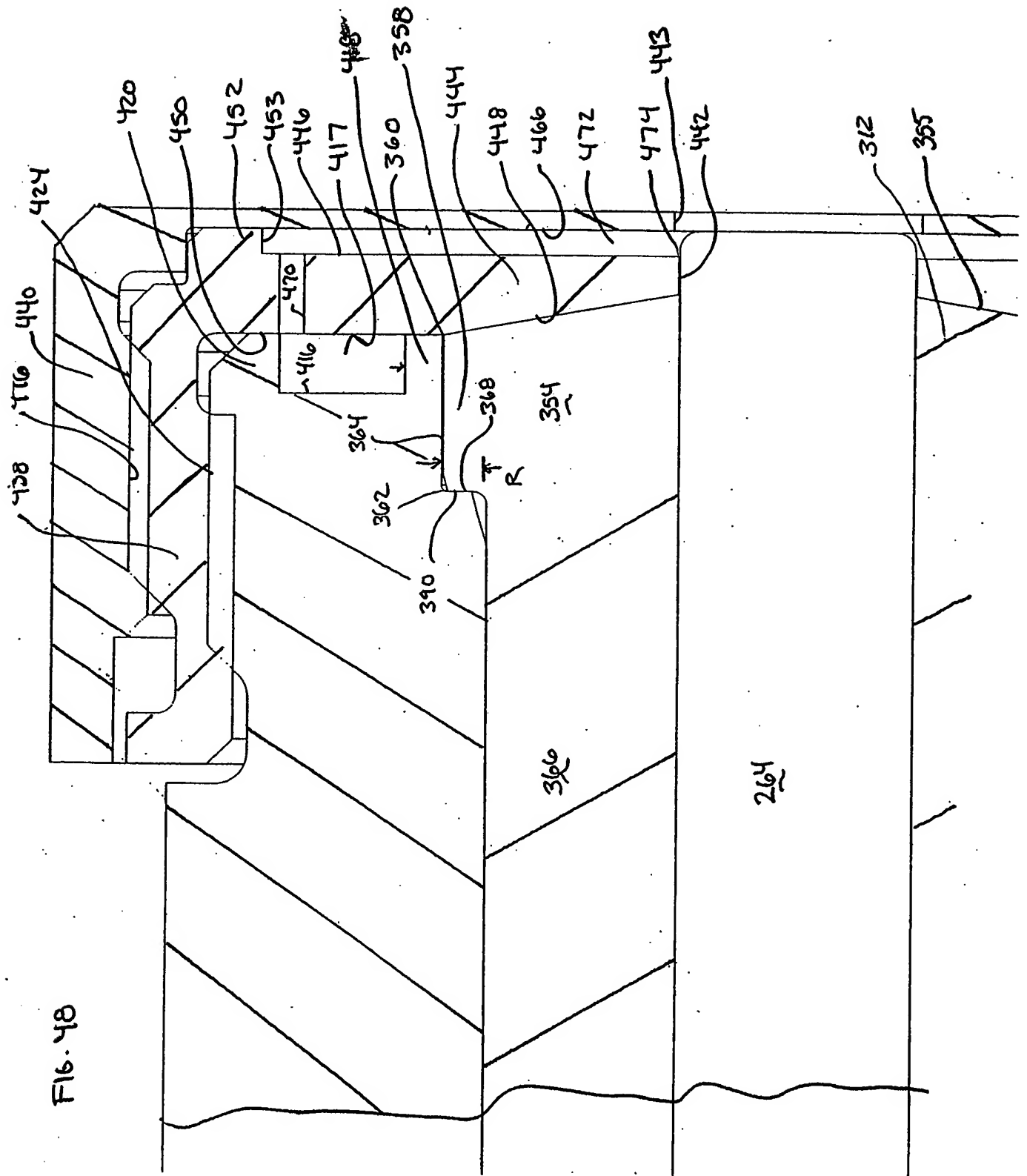
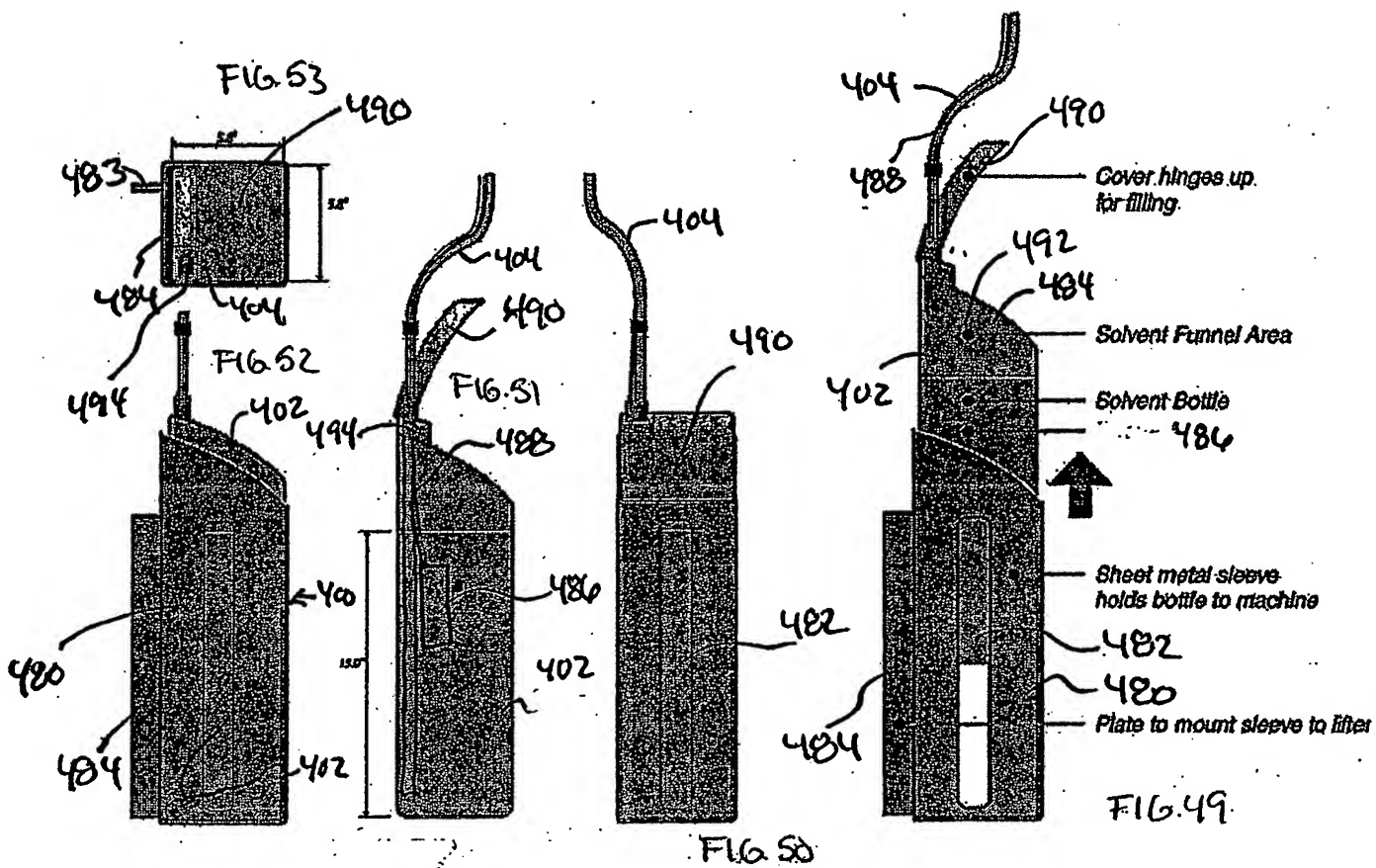


FIG. 47



F16.48

Replacement Sheet



Replacement Sheet

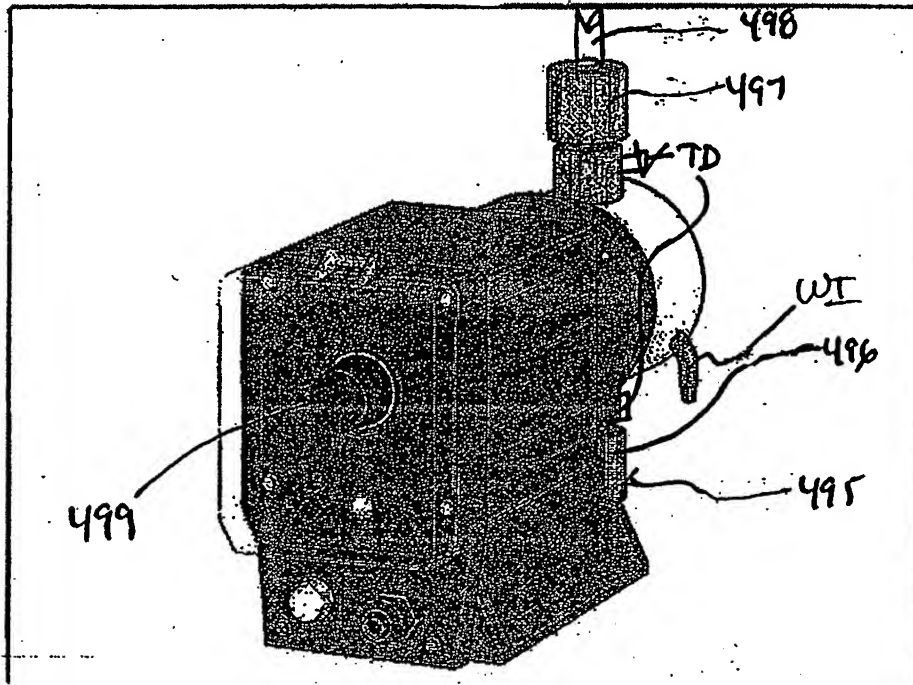
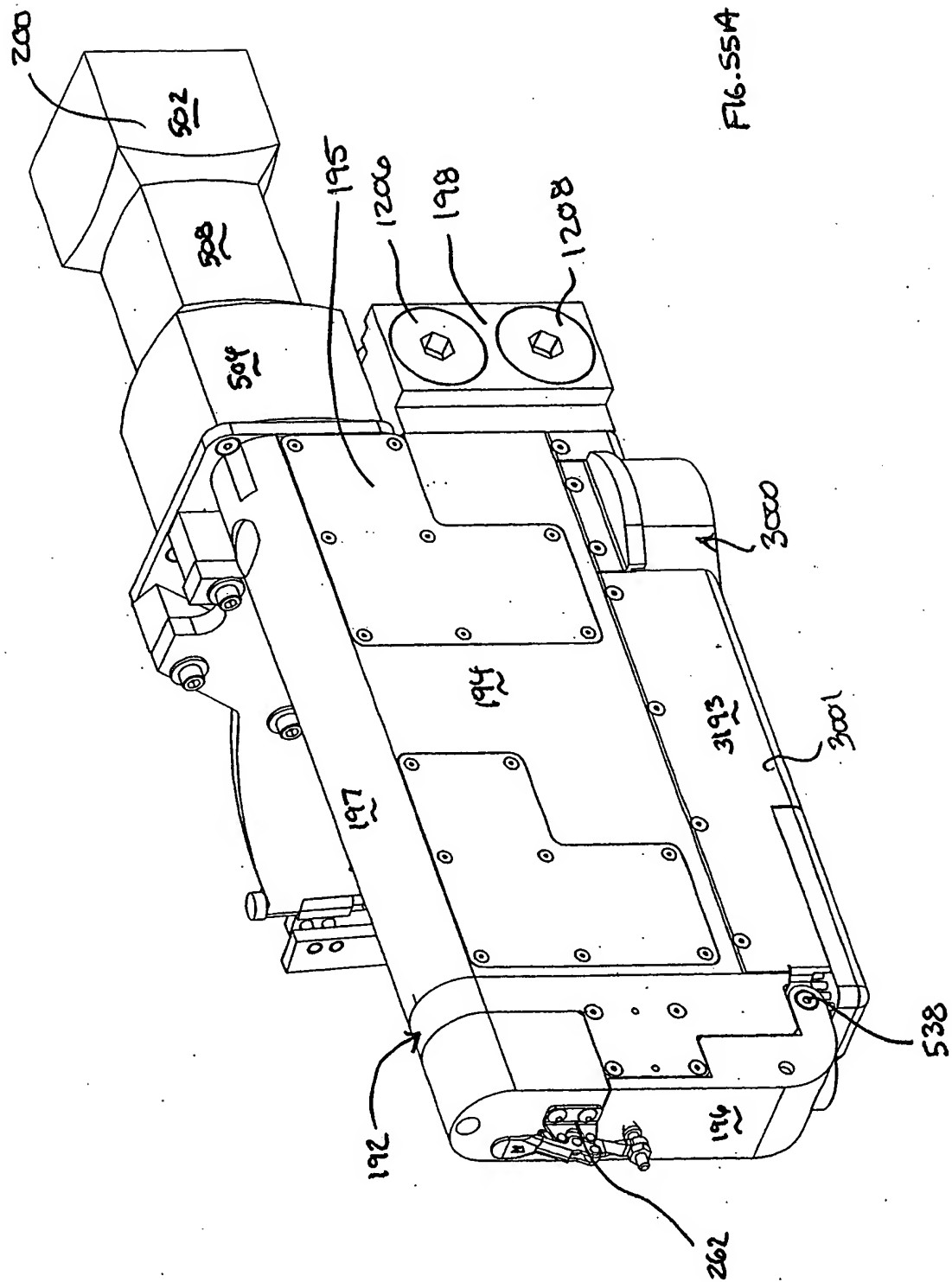


FIG. 54

FL6.55A



Replacement Sheet

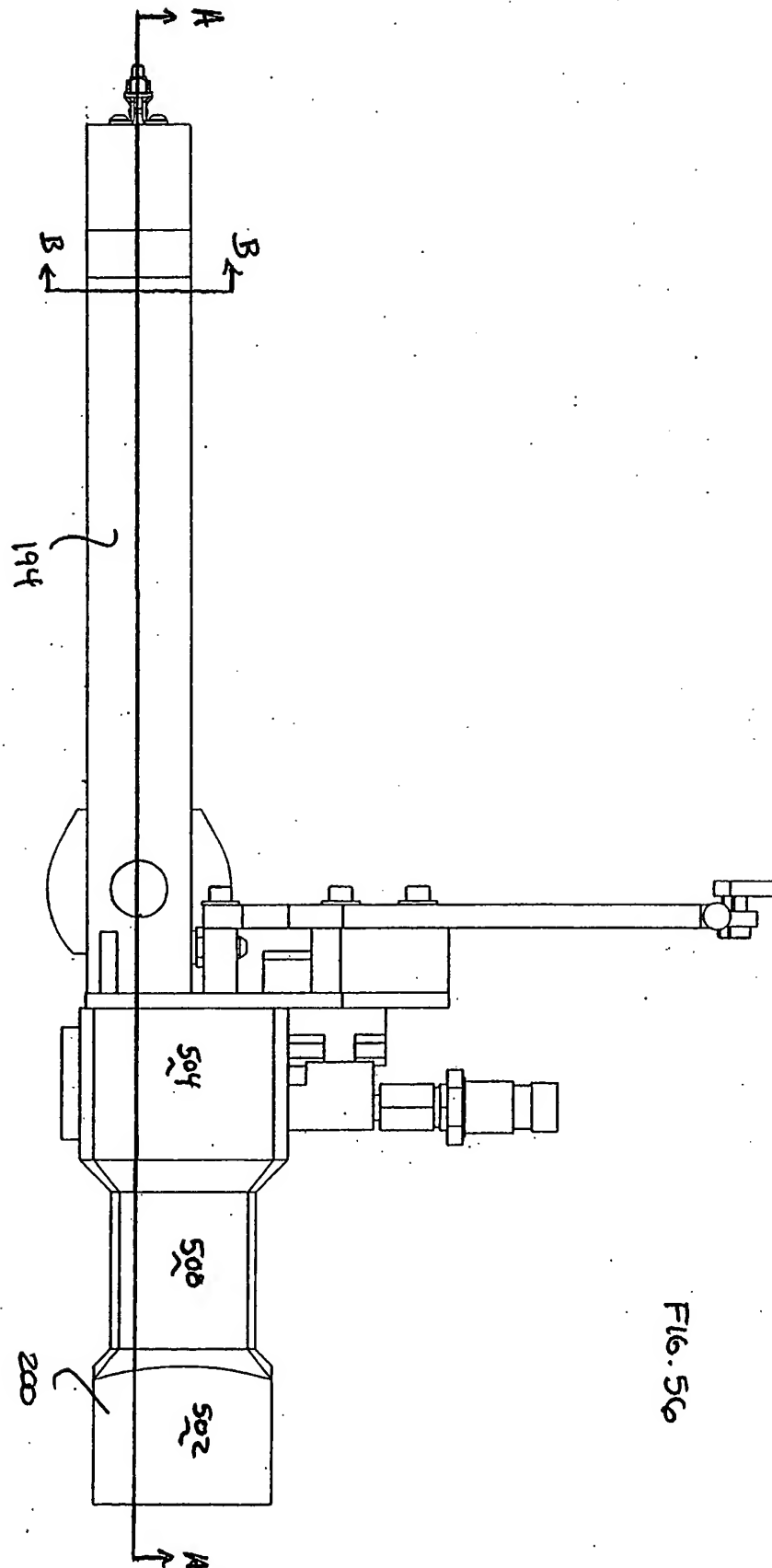
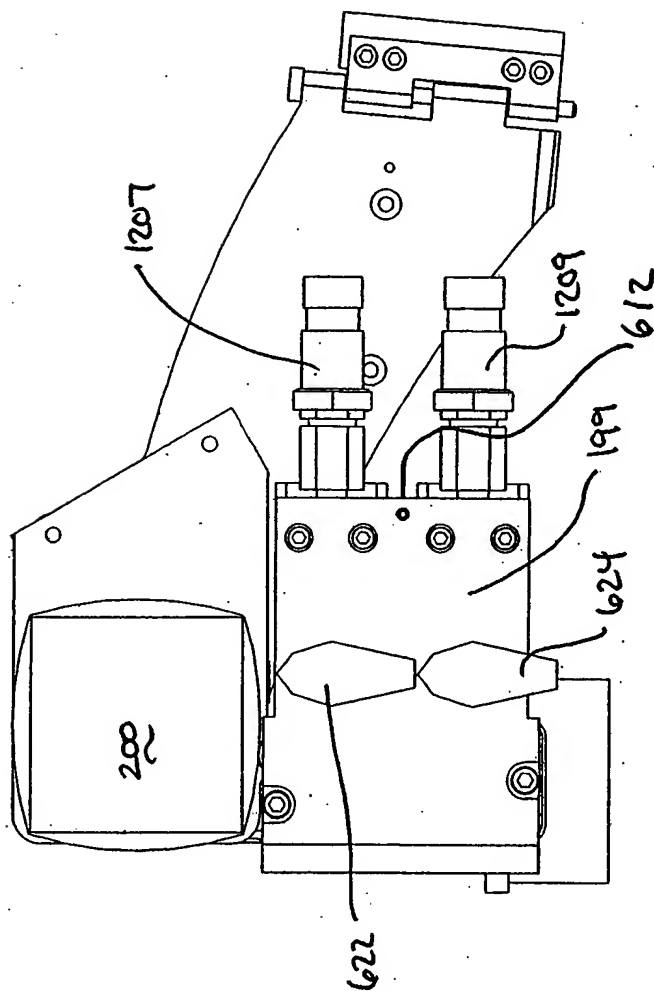


FIG. 56

Replacement Sheet



LS:57

Replacement Sheet

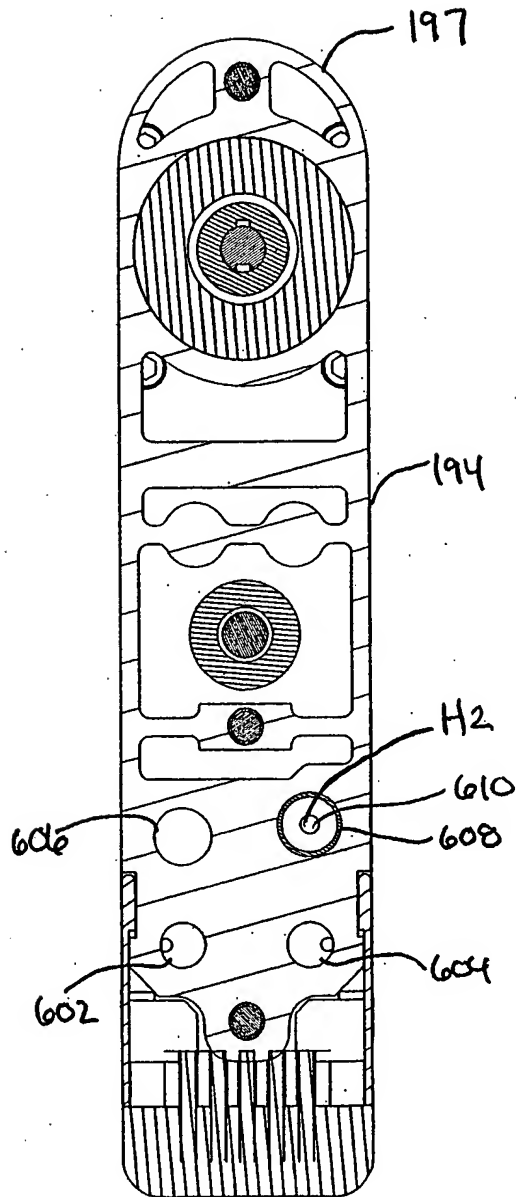
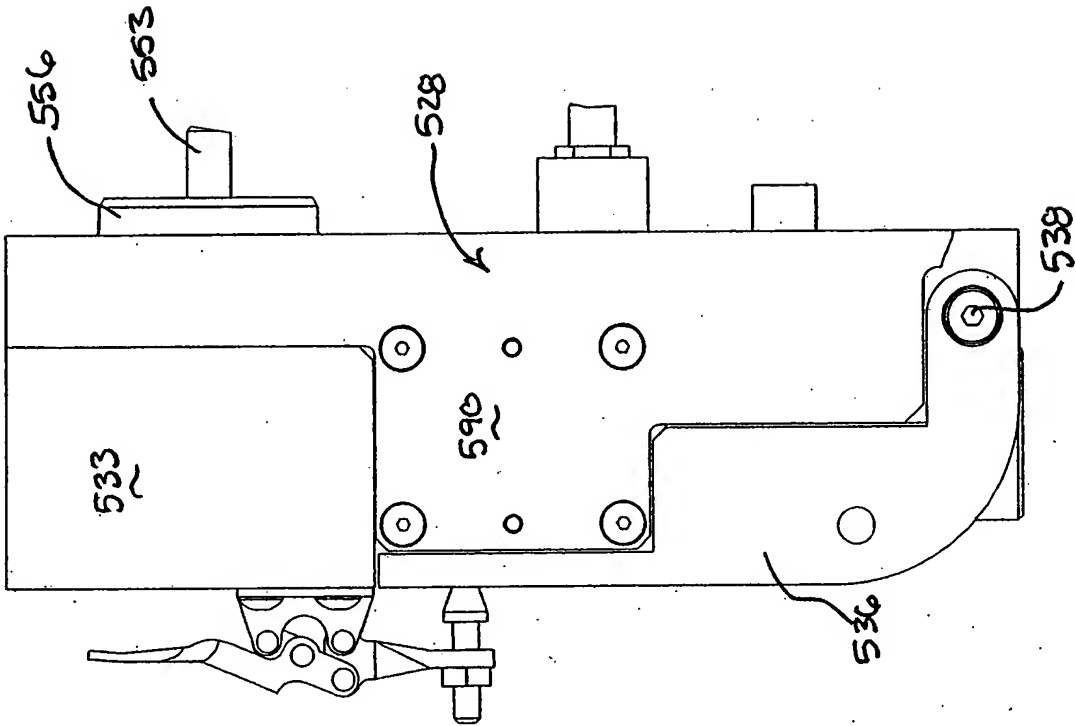


FIG. 58

F16.60



Replacement Sheet

FIG. 61

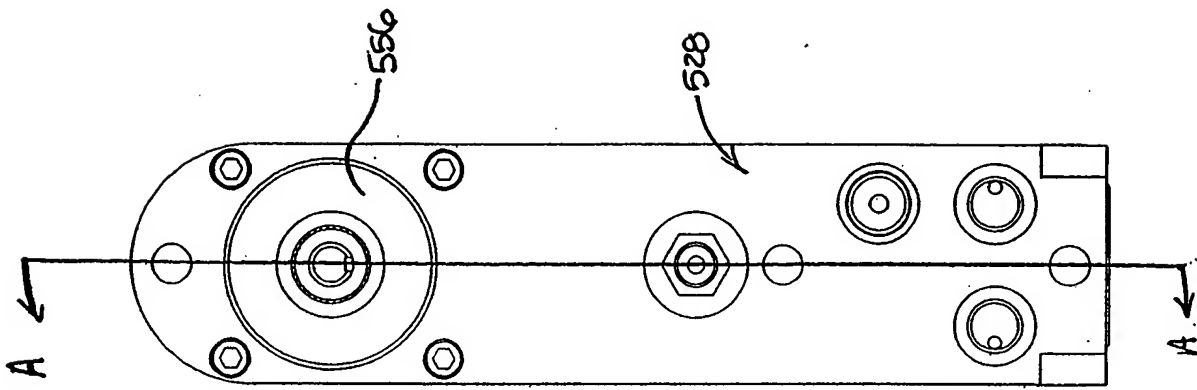
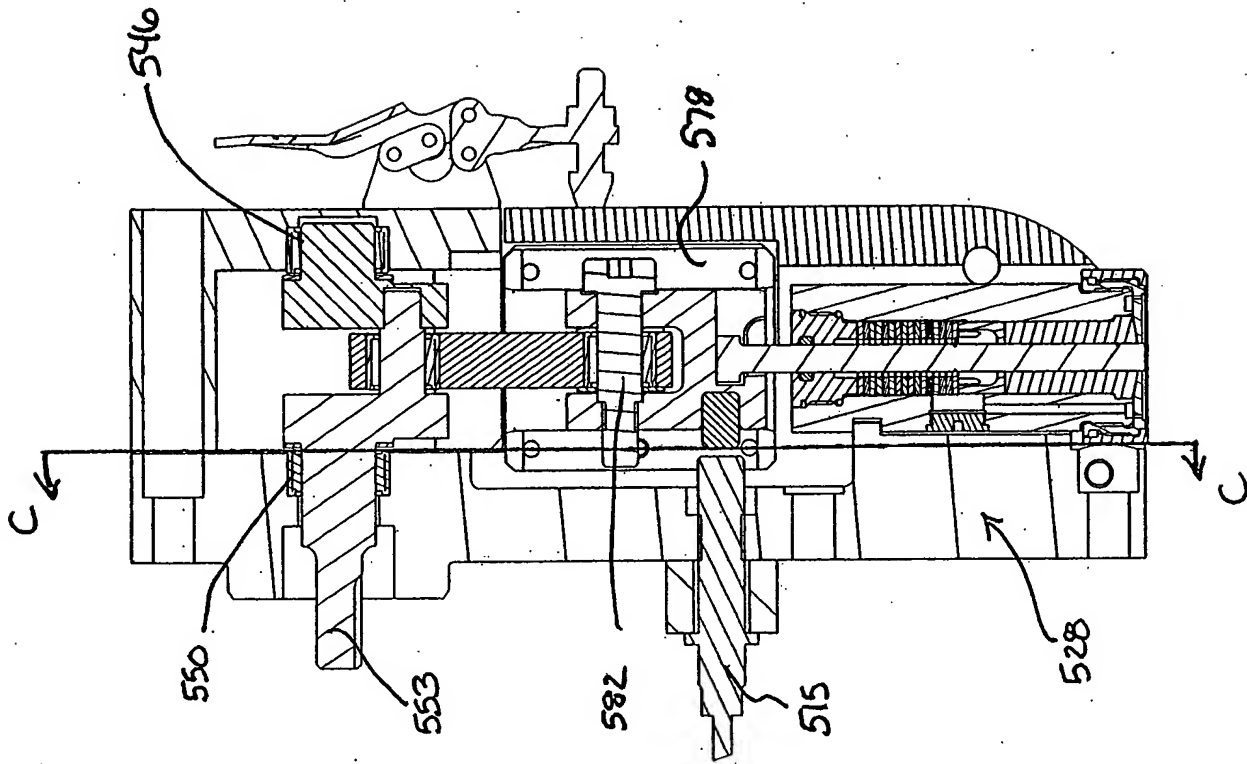
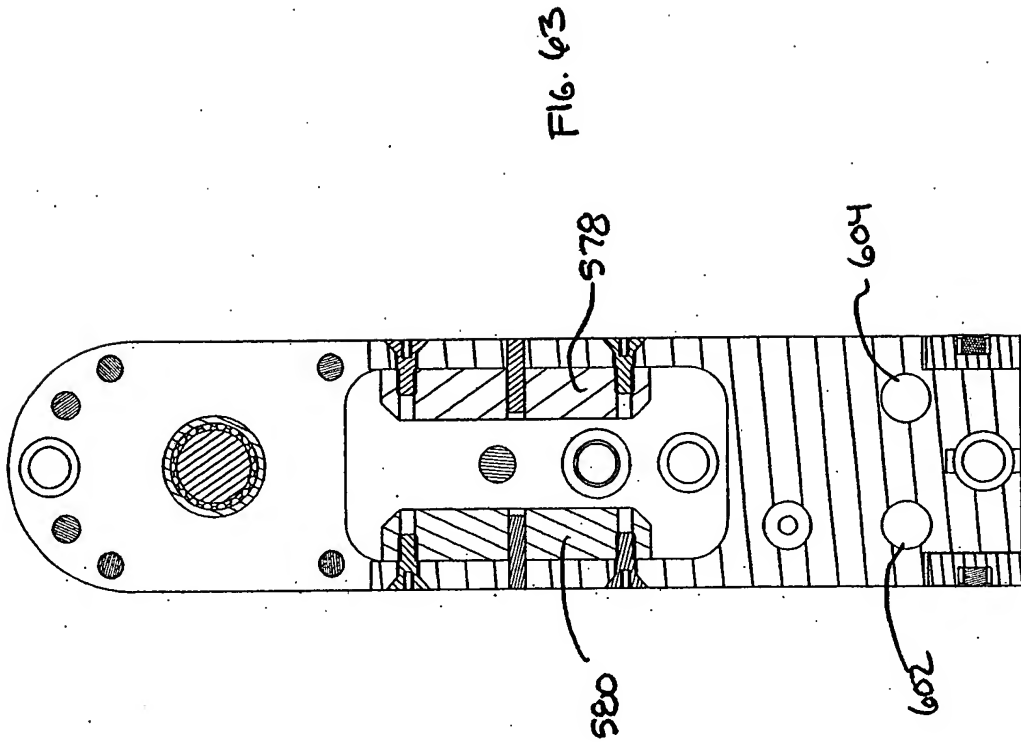
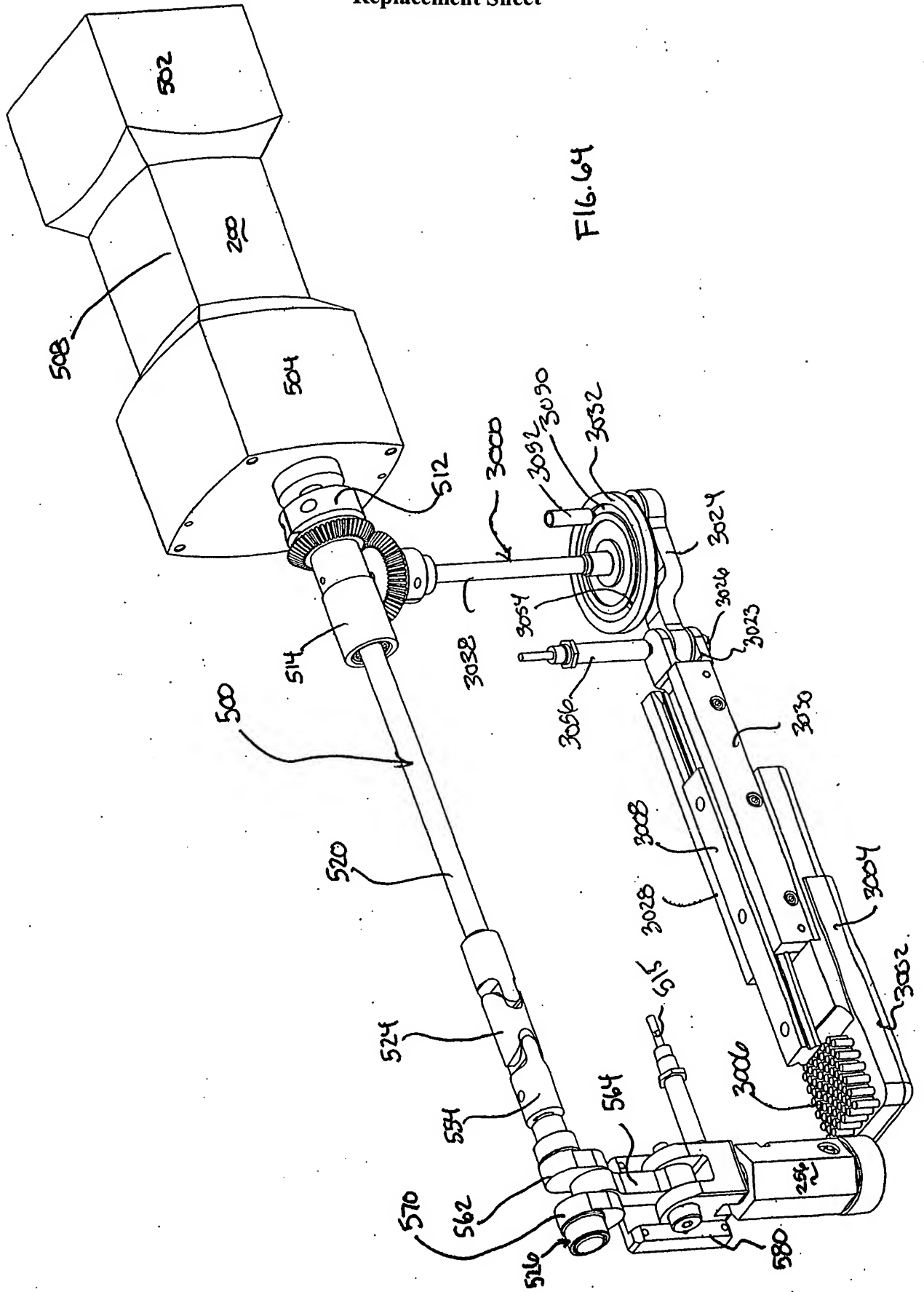


FIG. 62



Replacement Sheet





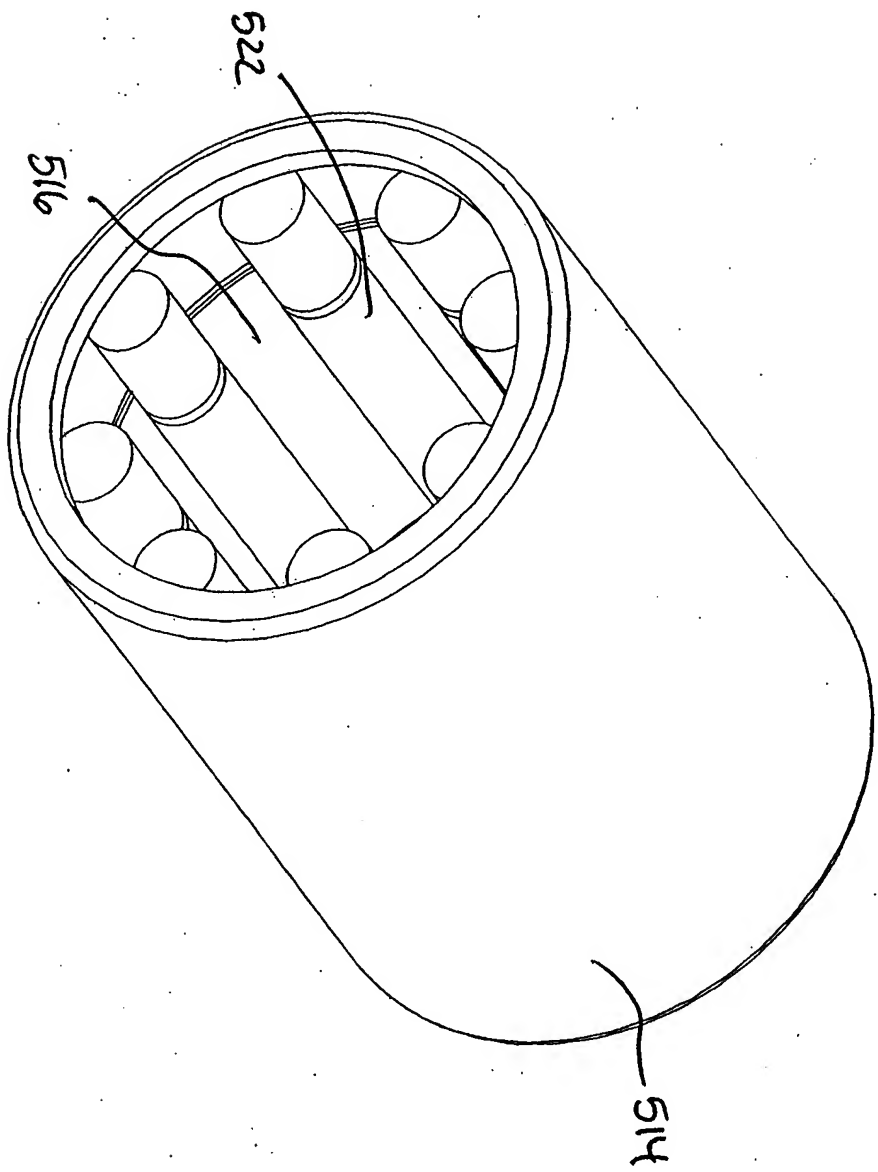


FIG. 65

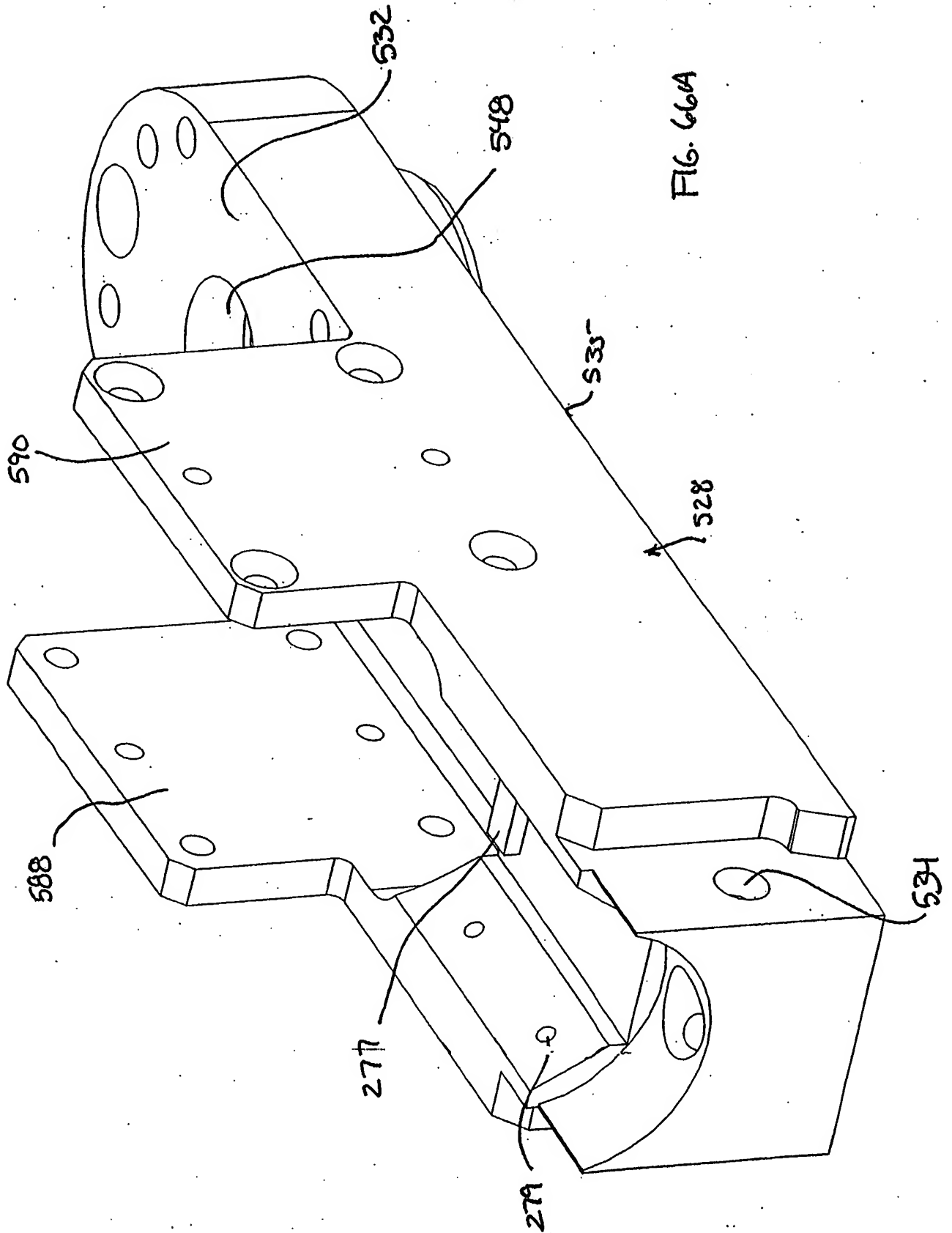
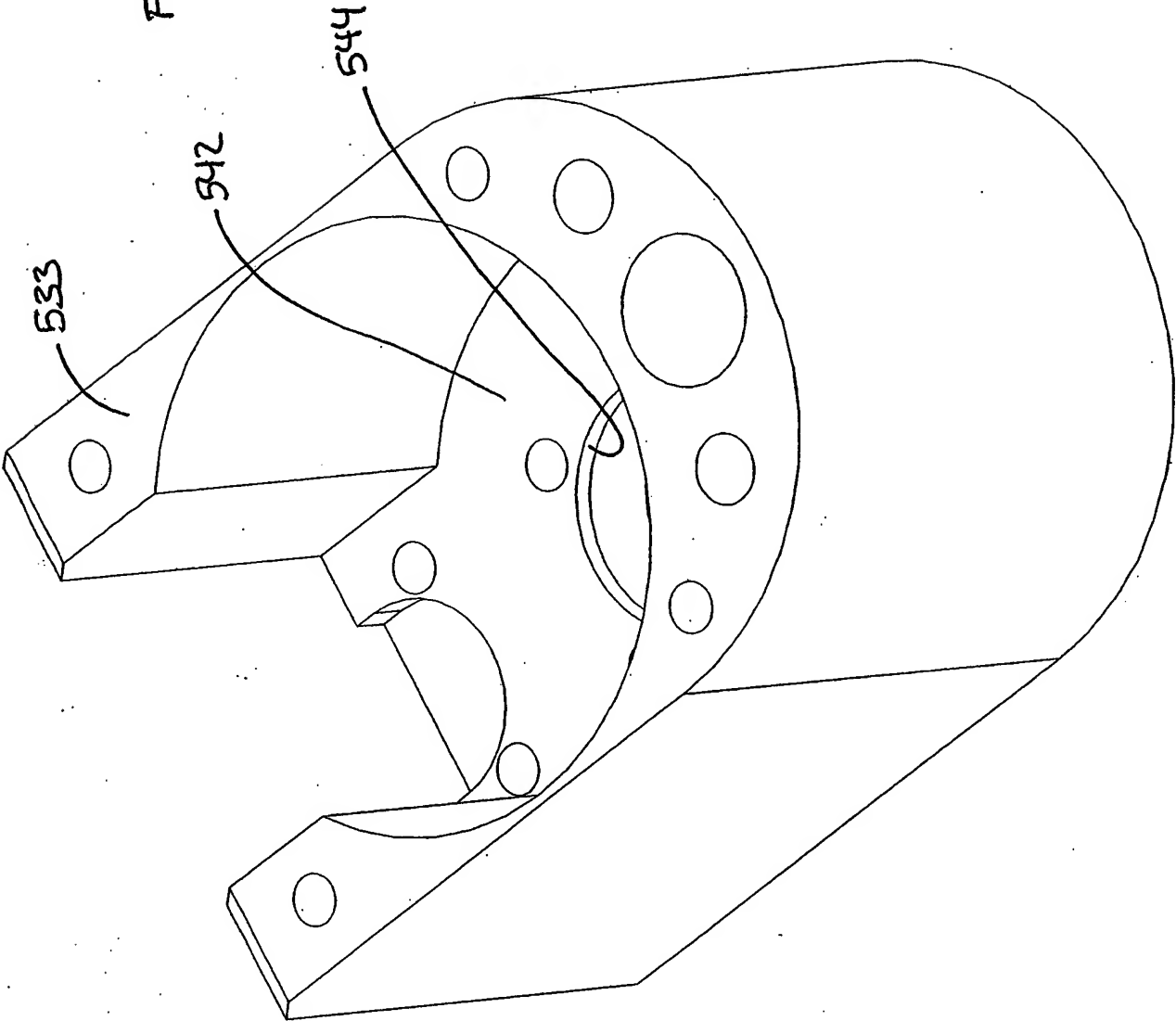


FIG. 66A

FIG. 66B



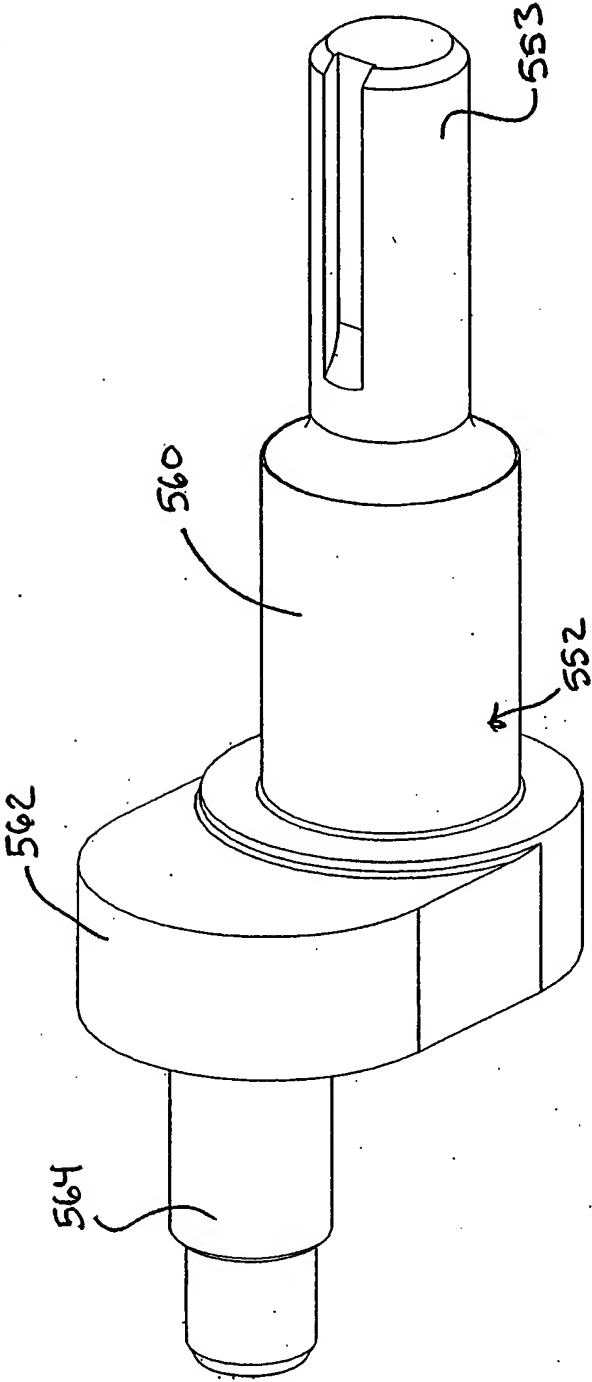
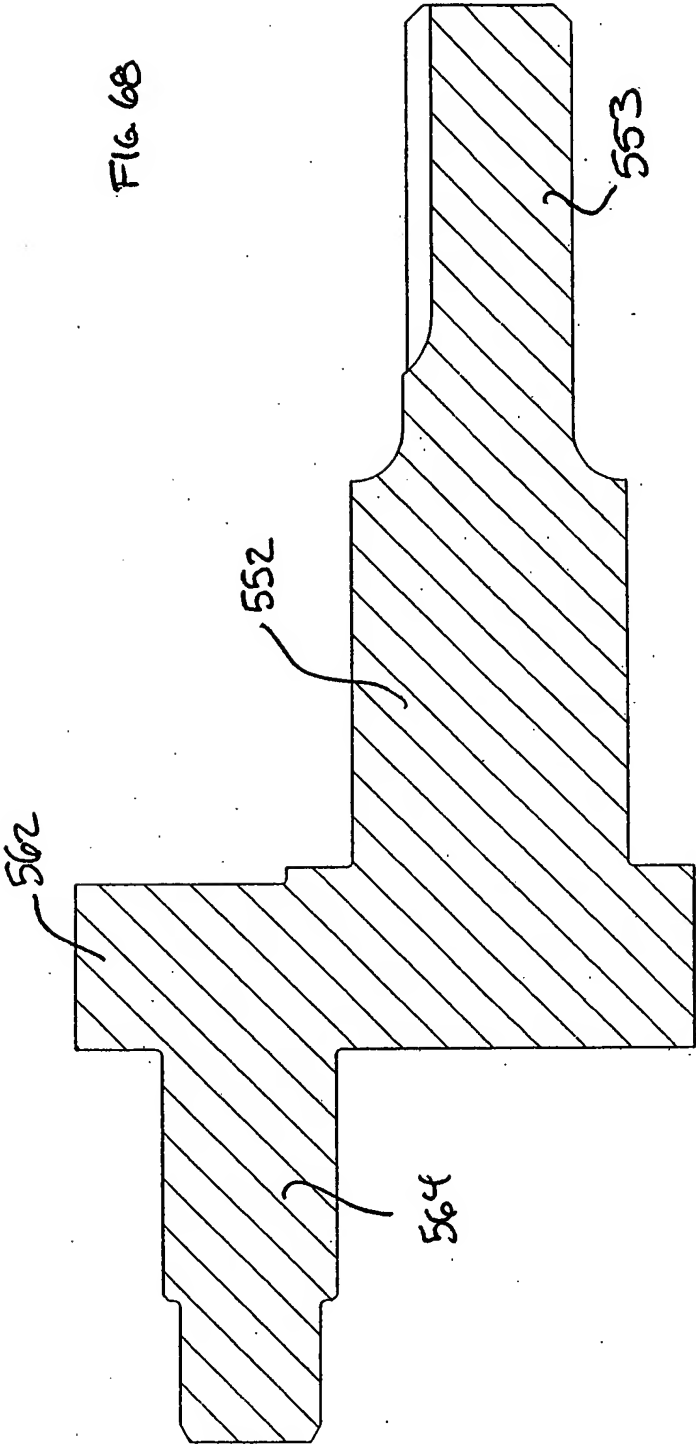


FIG. 67



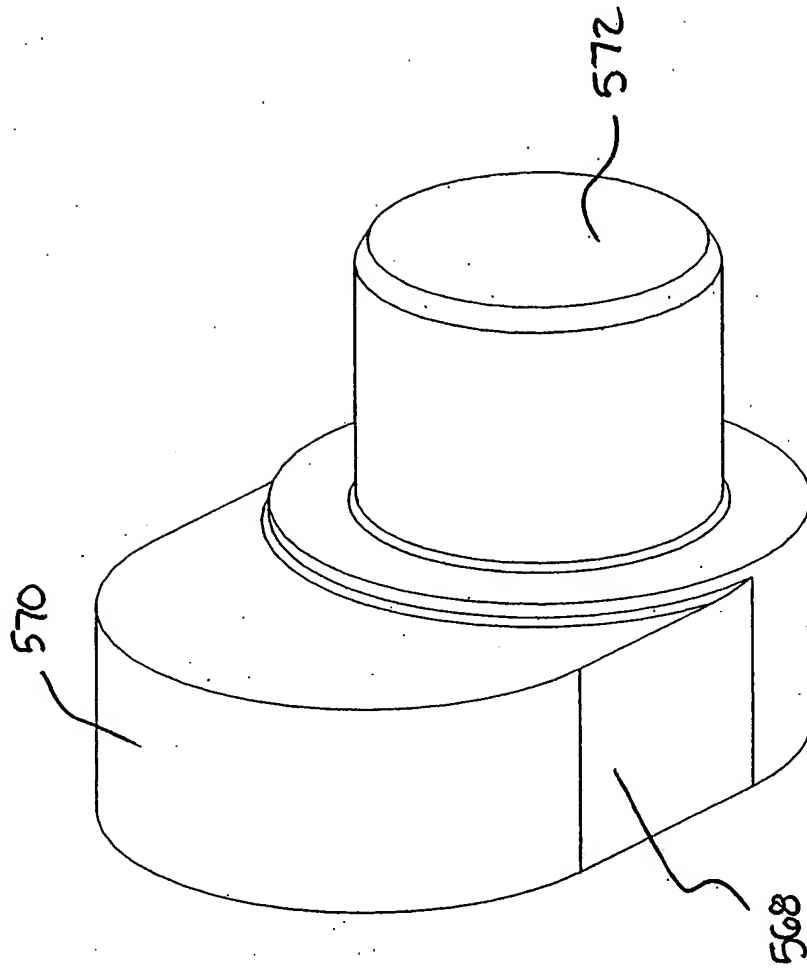


FIG. 69

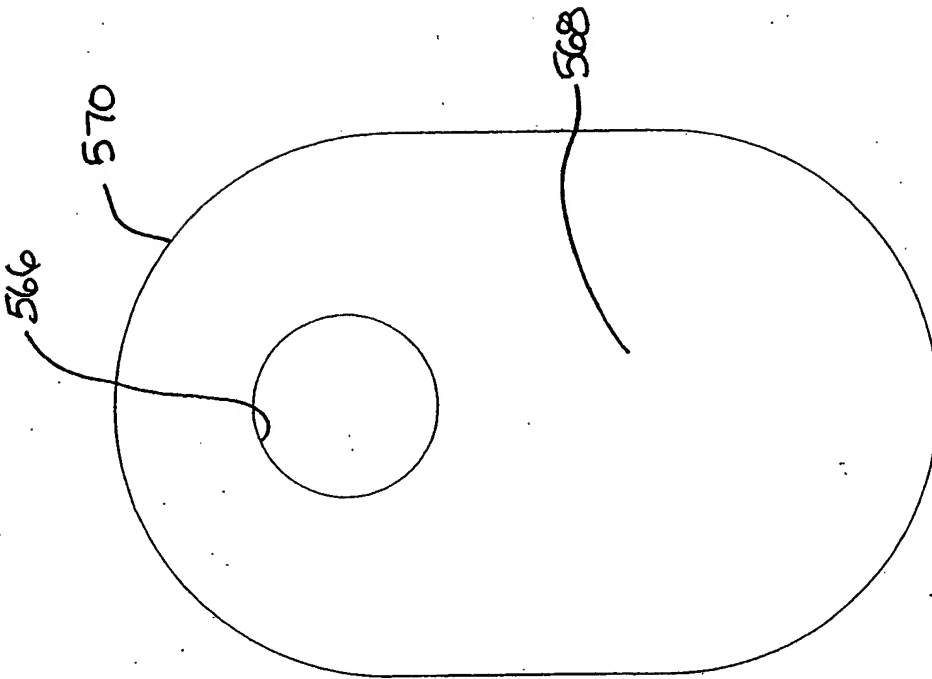
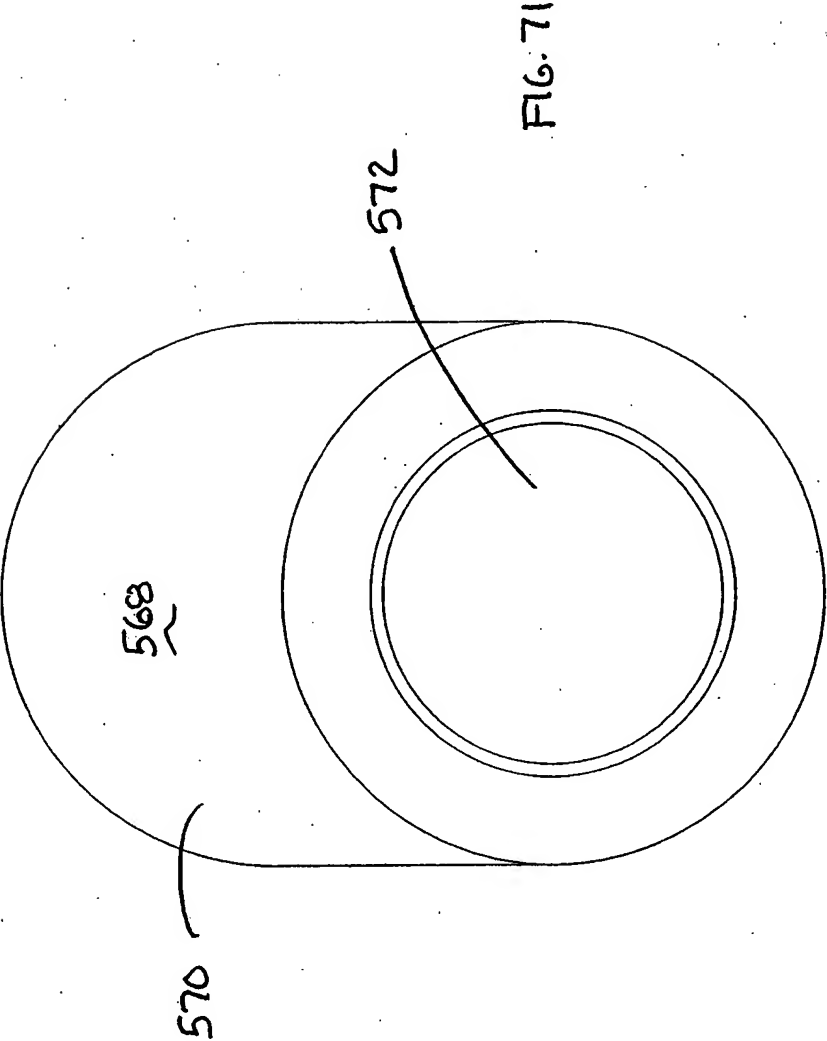


FIG. 70



Replacement Sheet

FIG. 72

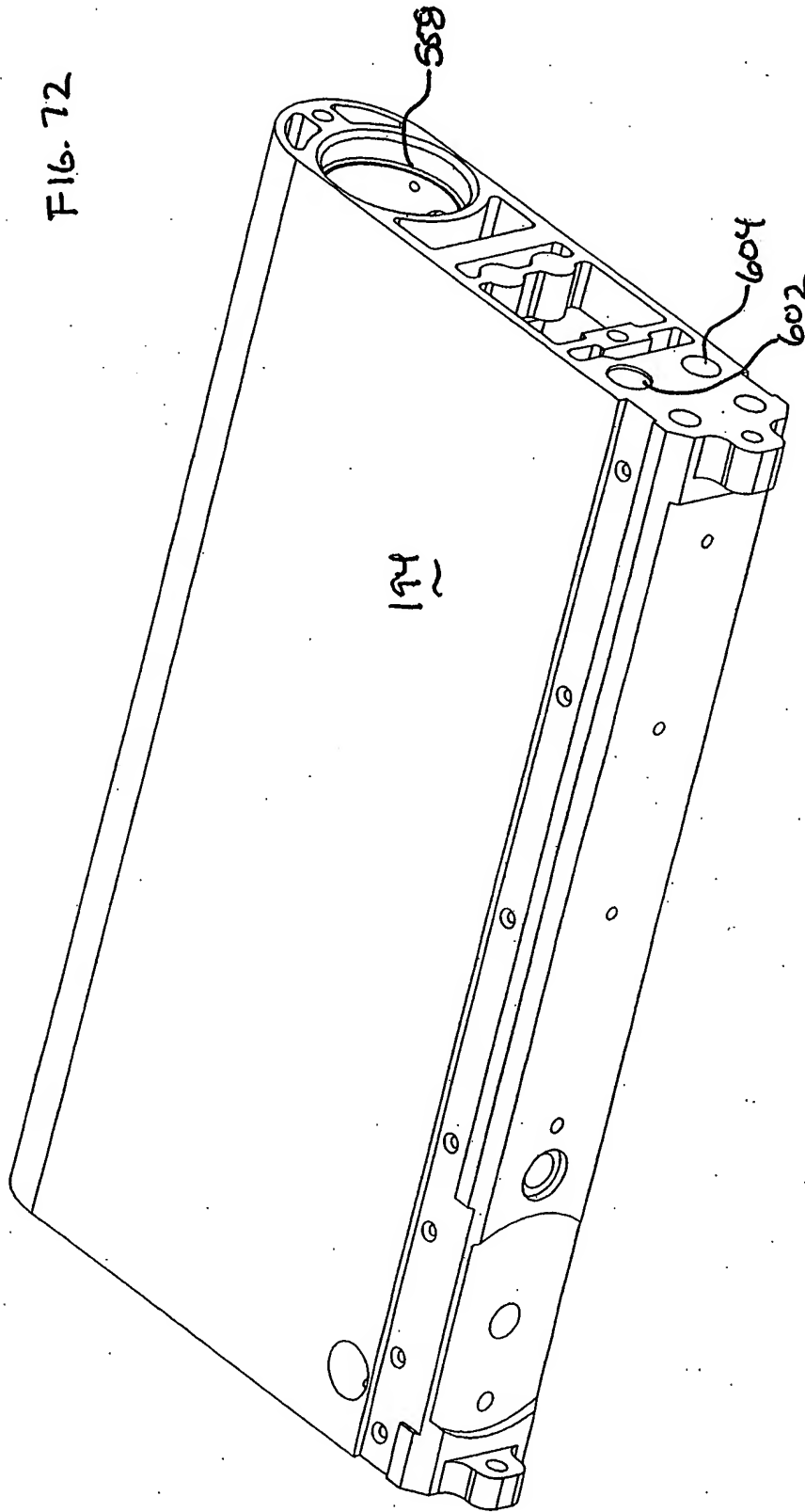
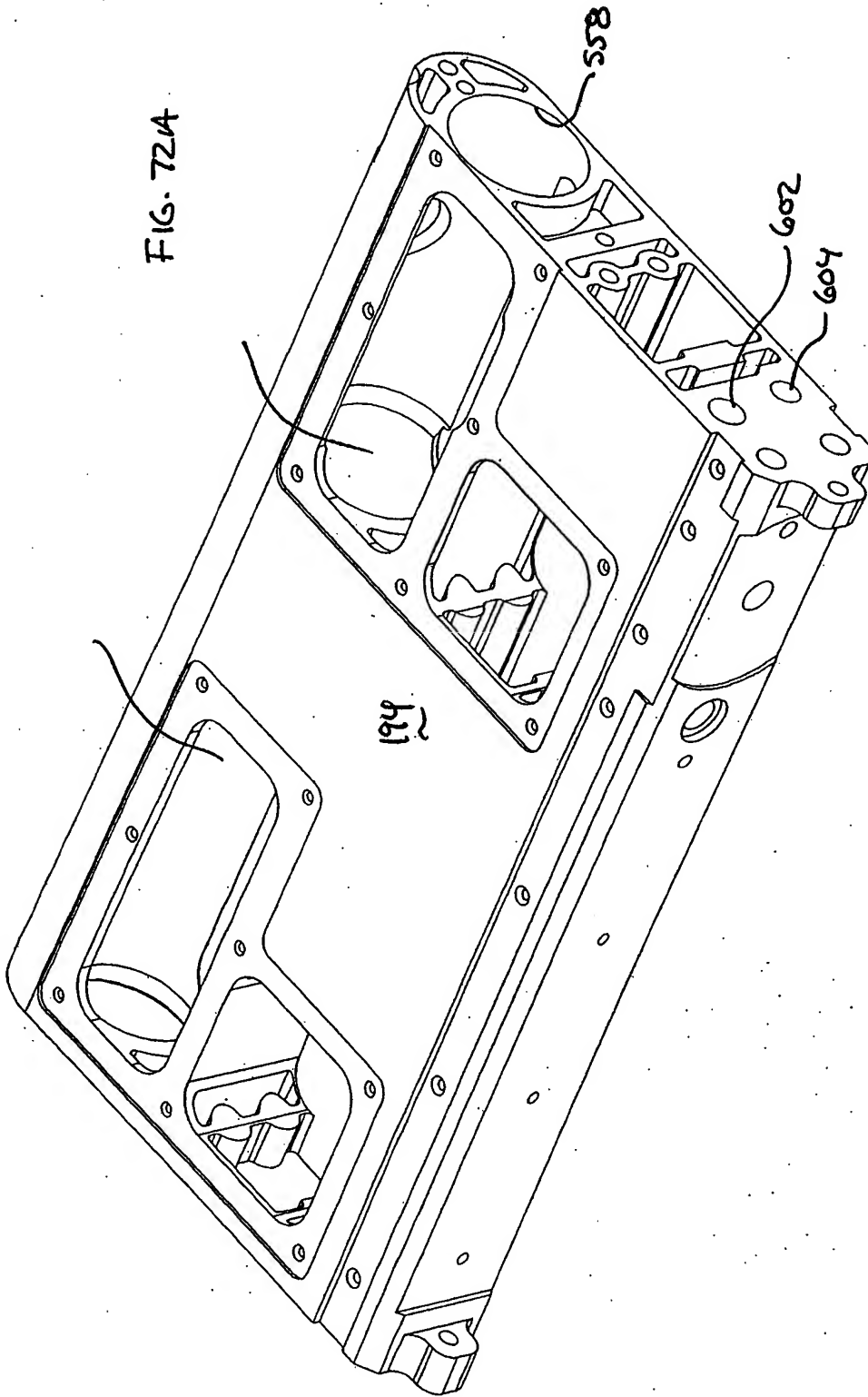


FIG. 72A



Replacement Sheet

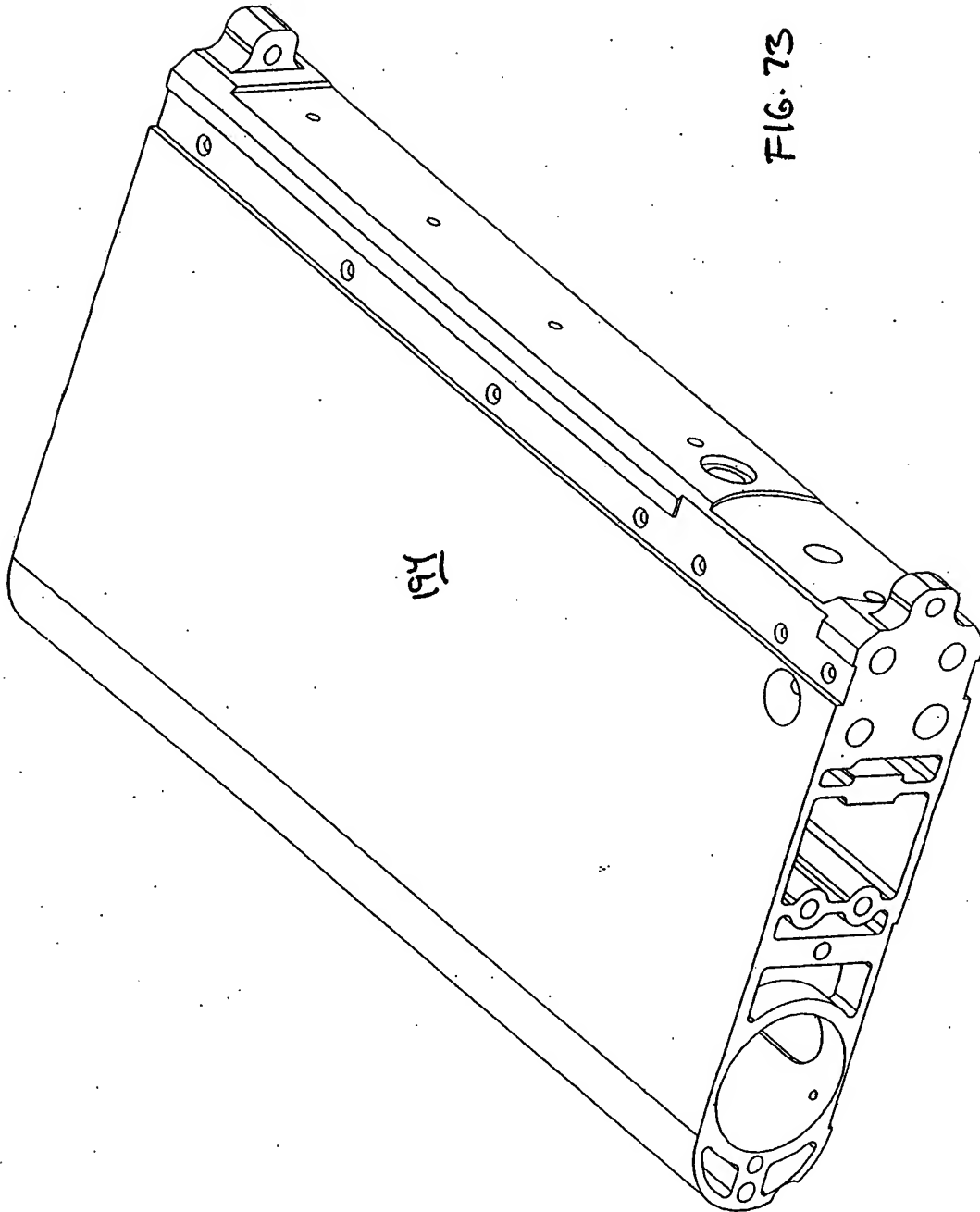


FIG. 73

Replacement Sheet

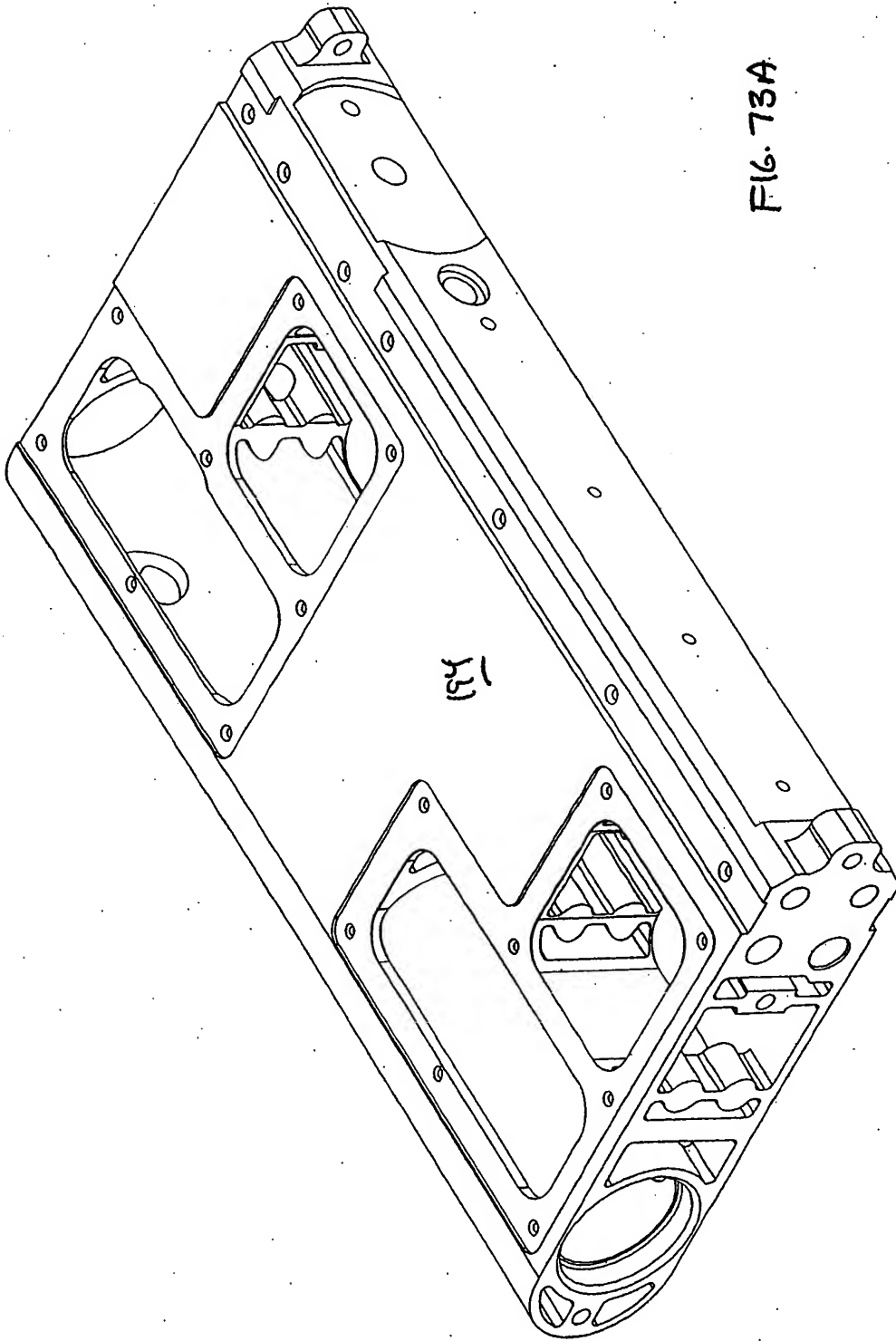


FIG. 73A

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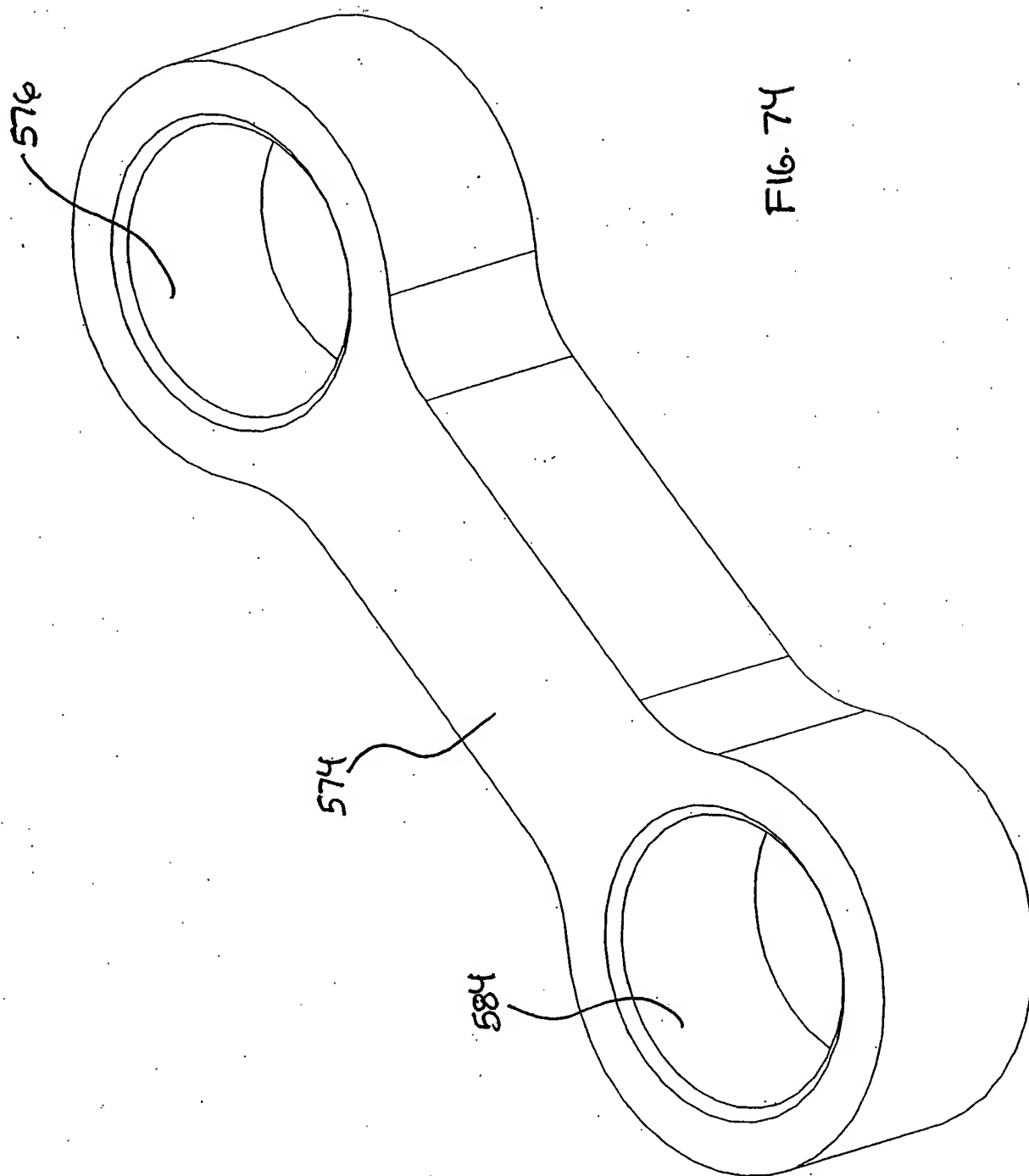
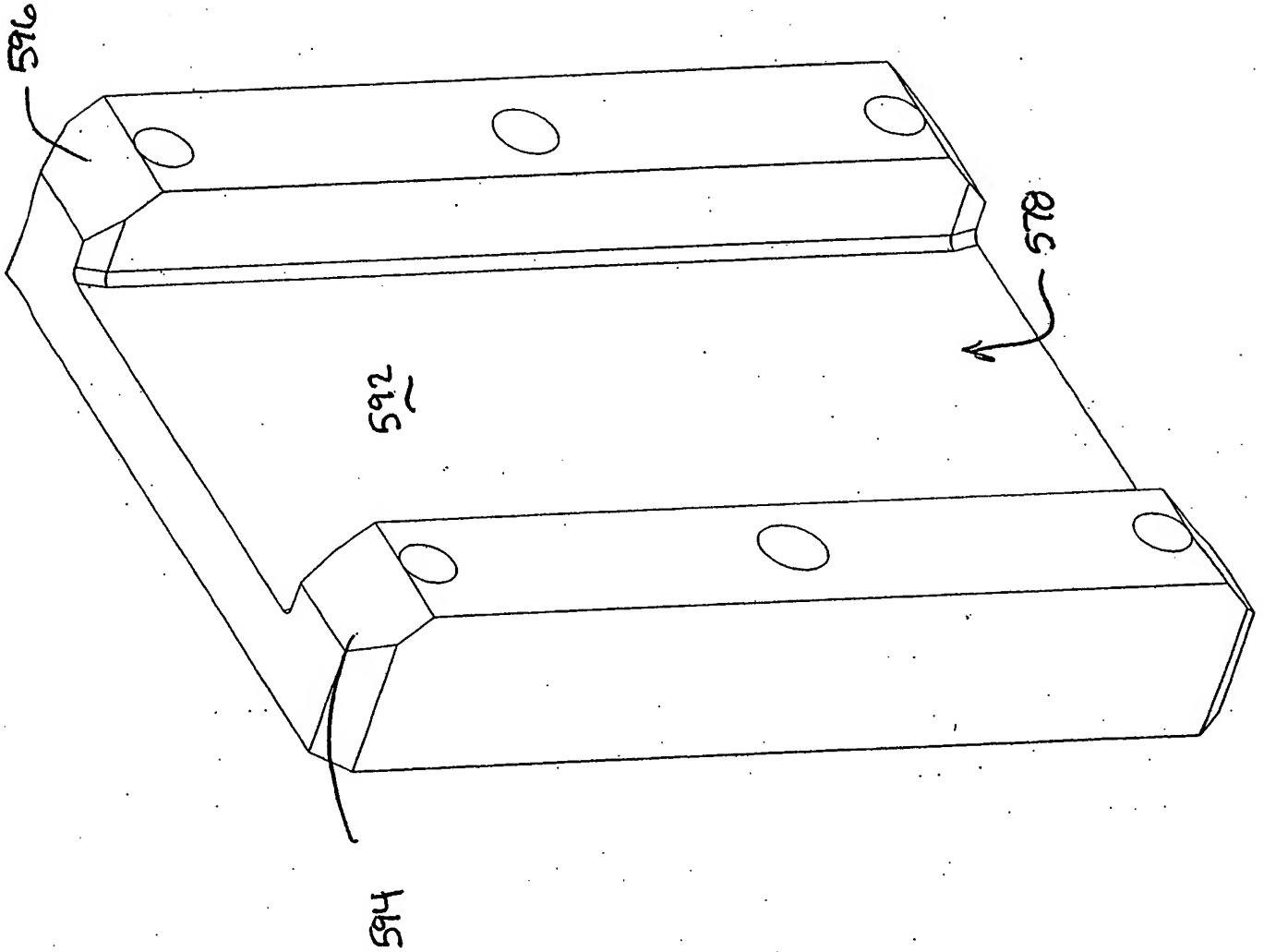


FIG. 74

FIG 75



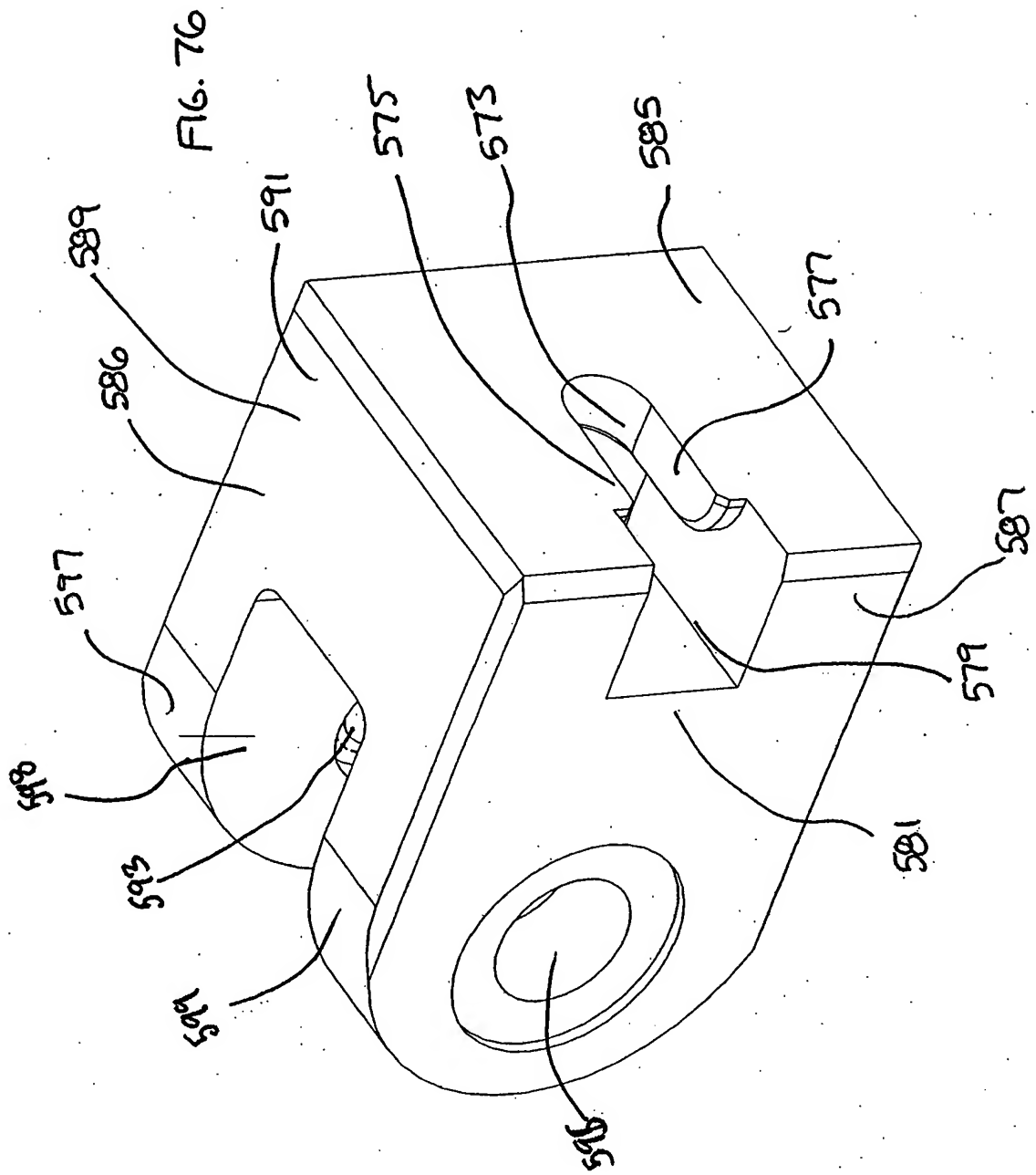


FIG. 77

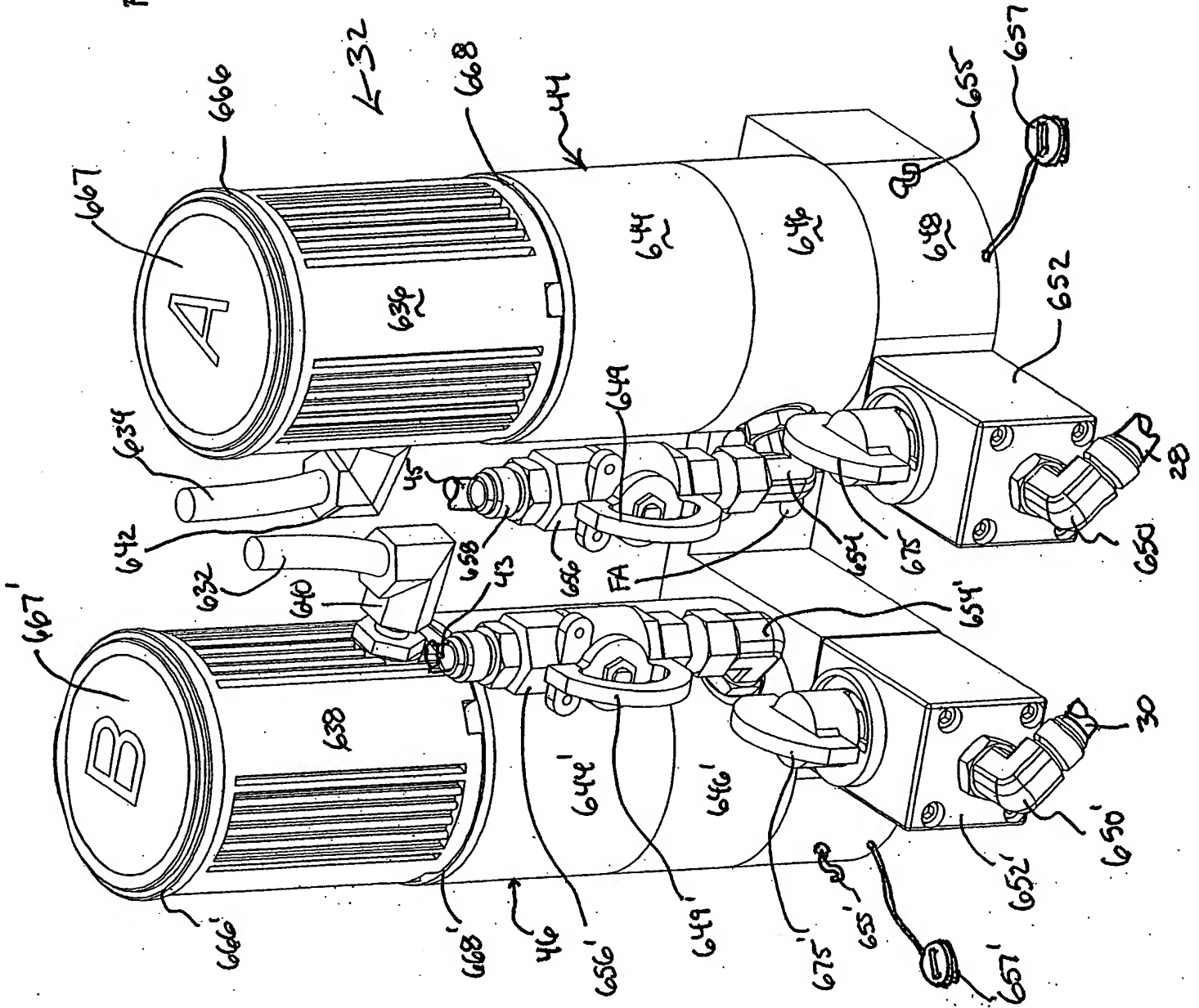


FIG. 77A

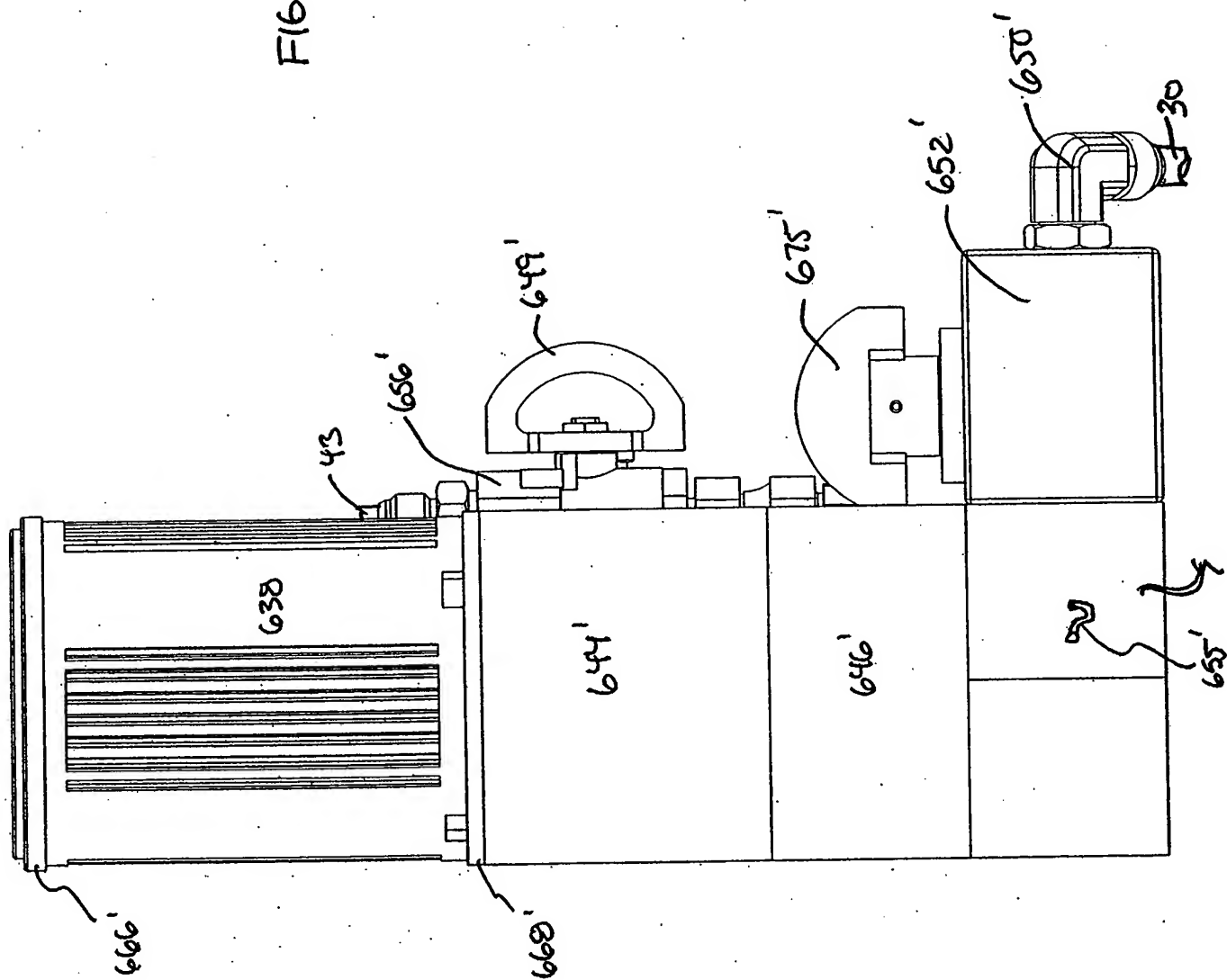


FIG. 78

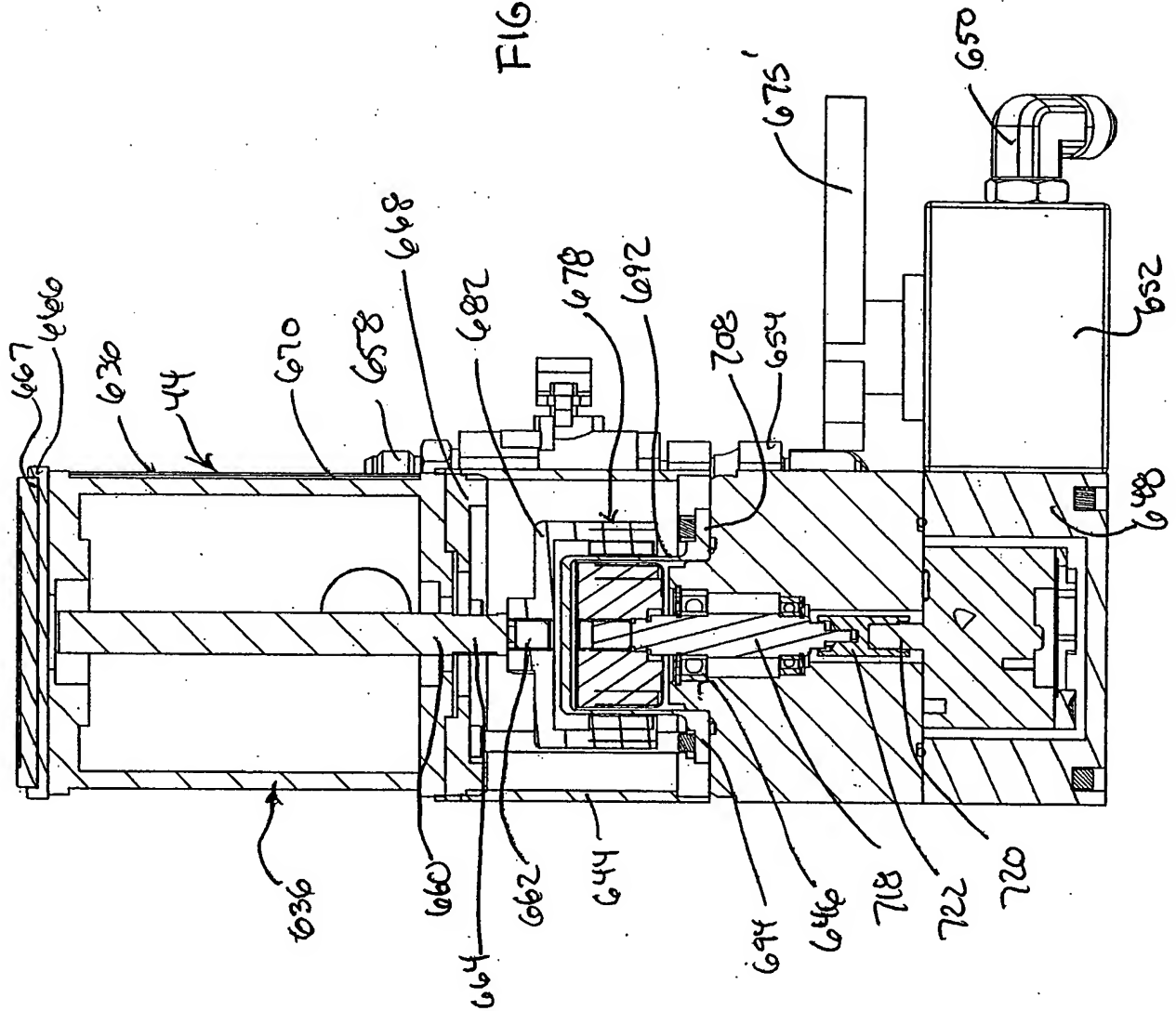


FIG. 79

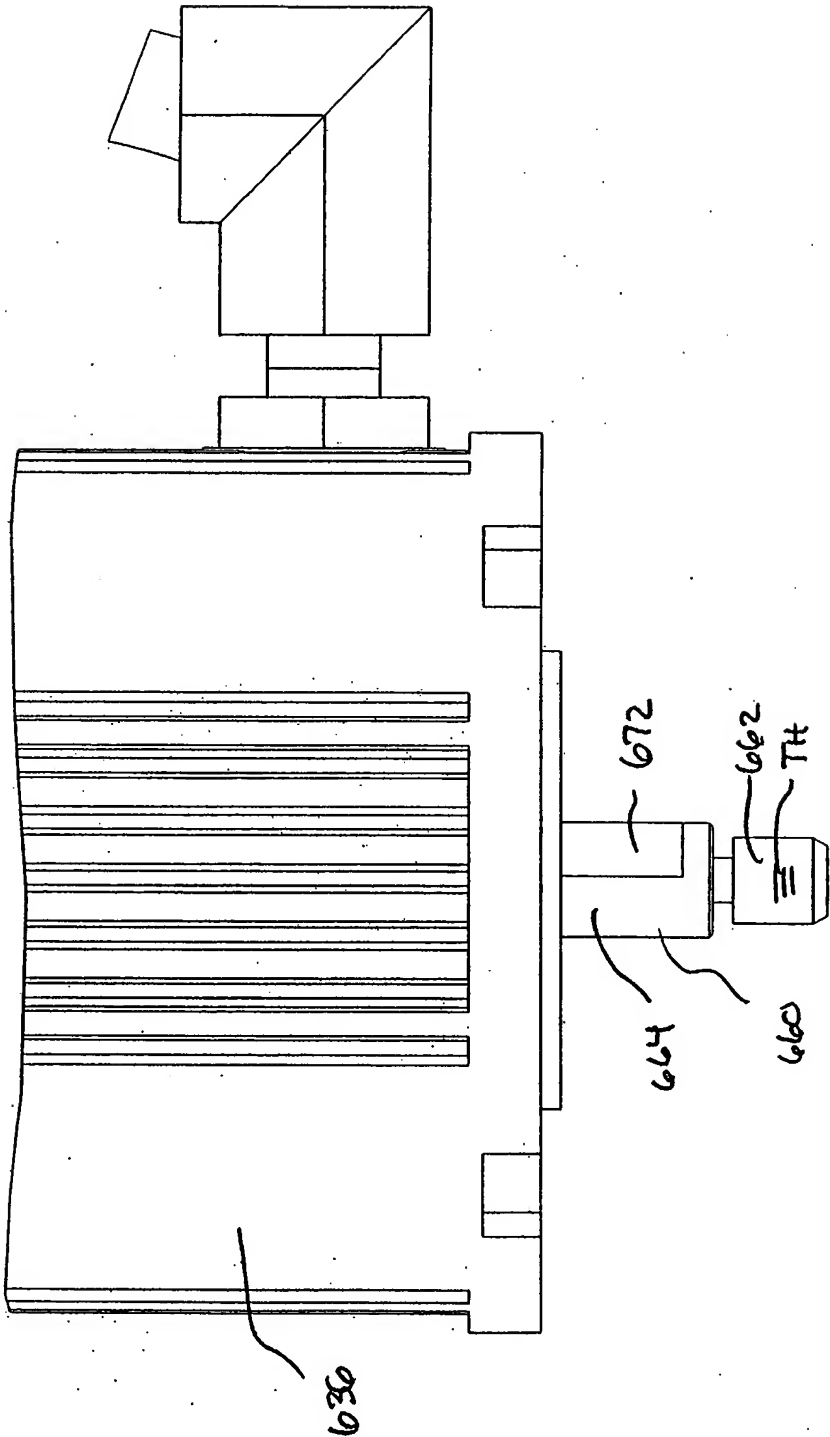
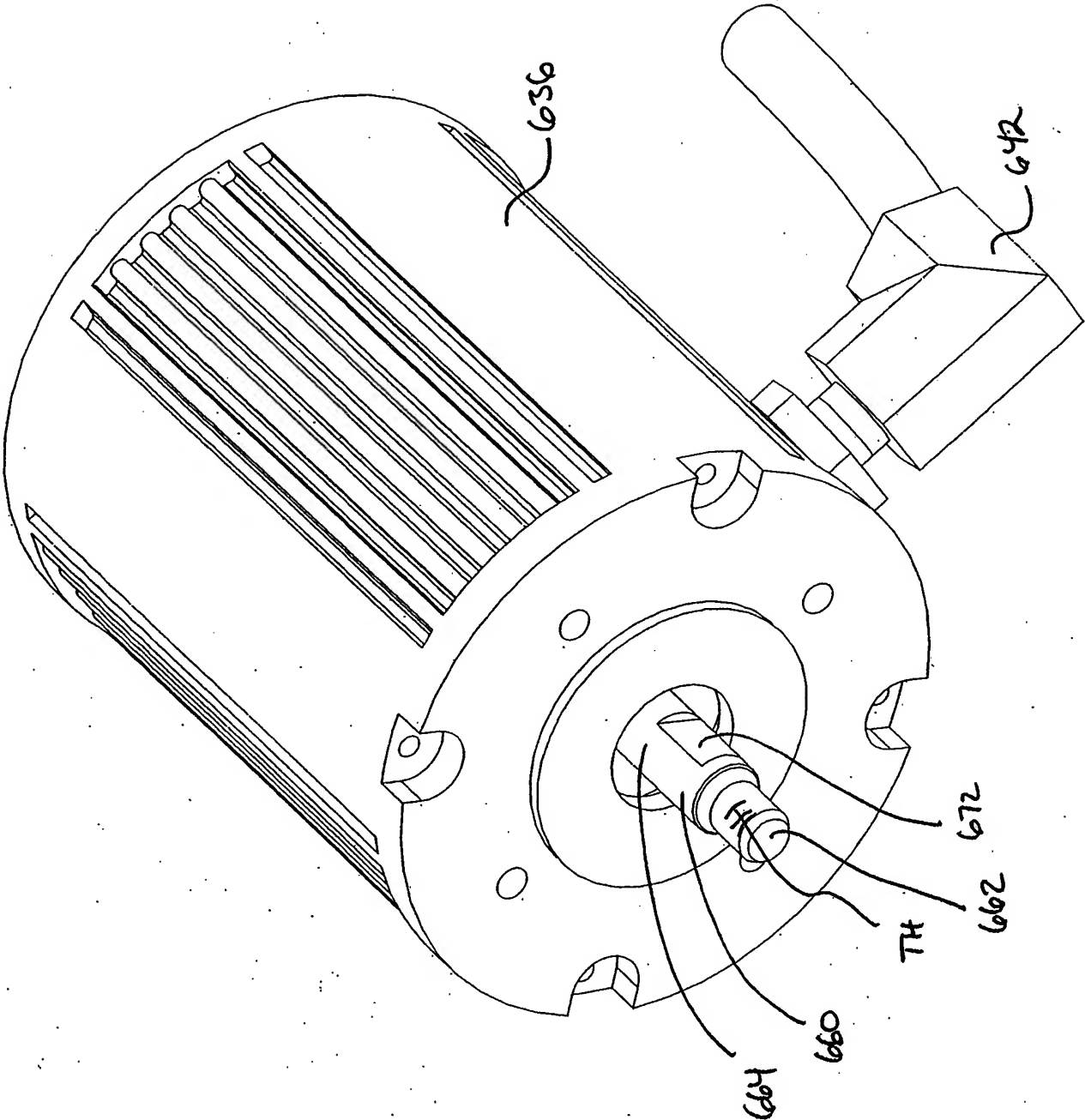


FIG. 80



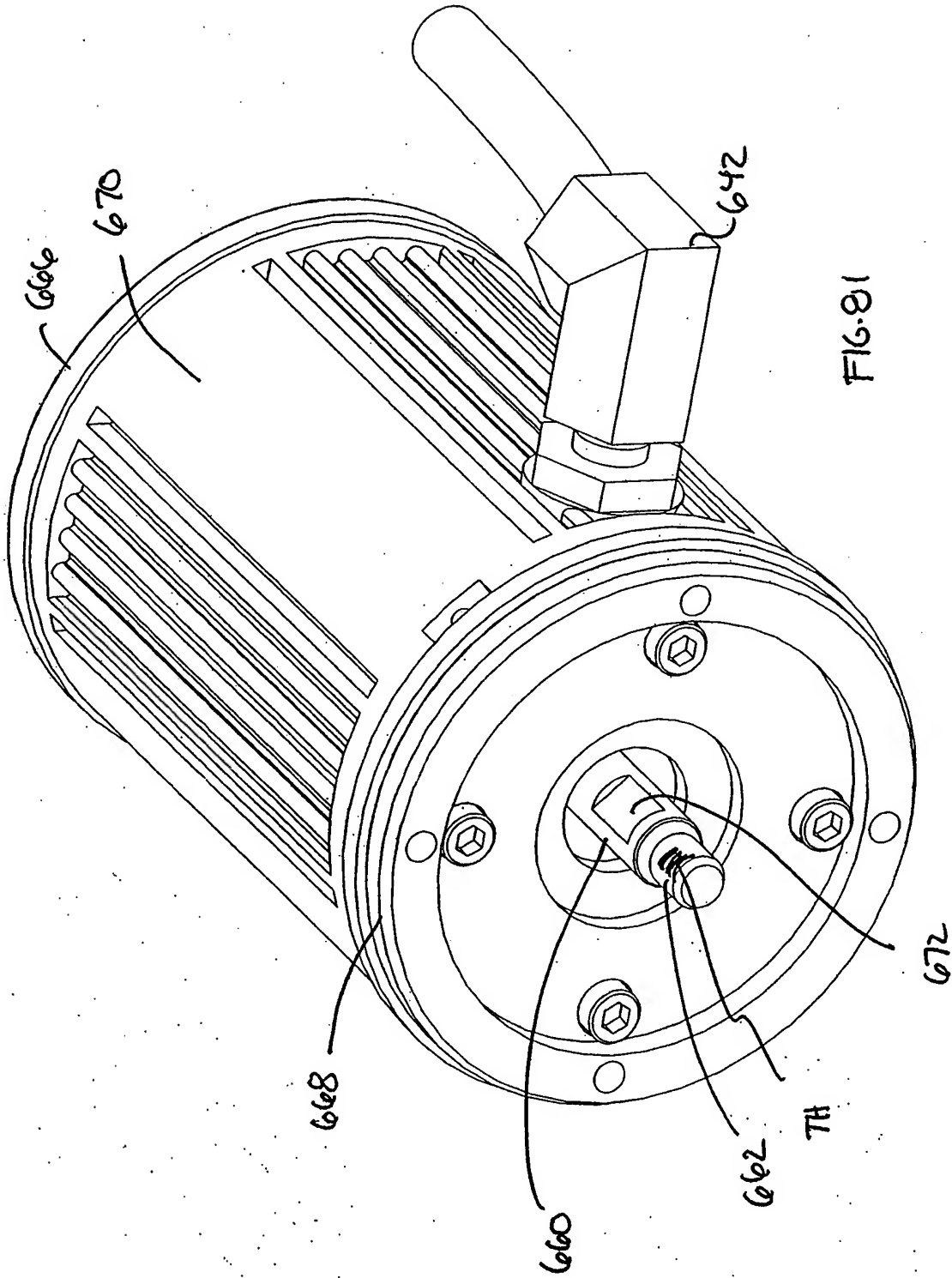
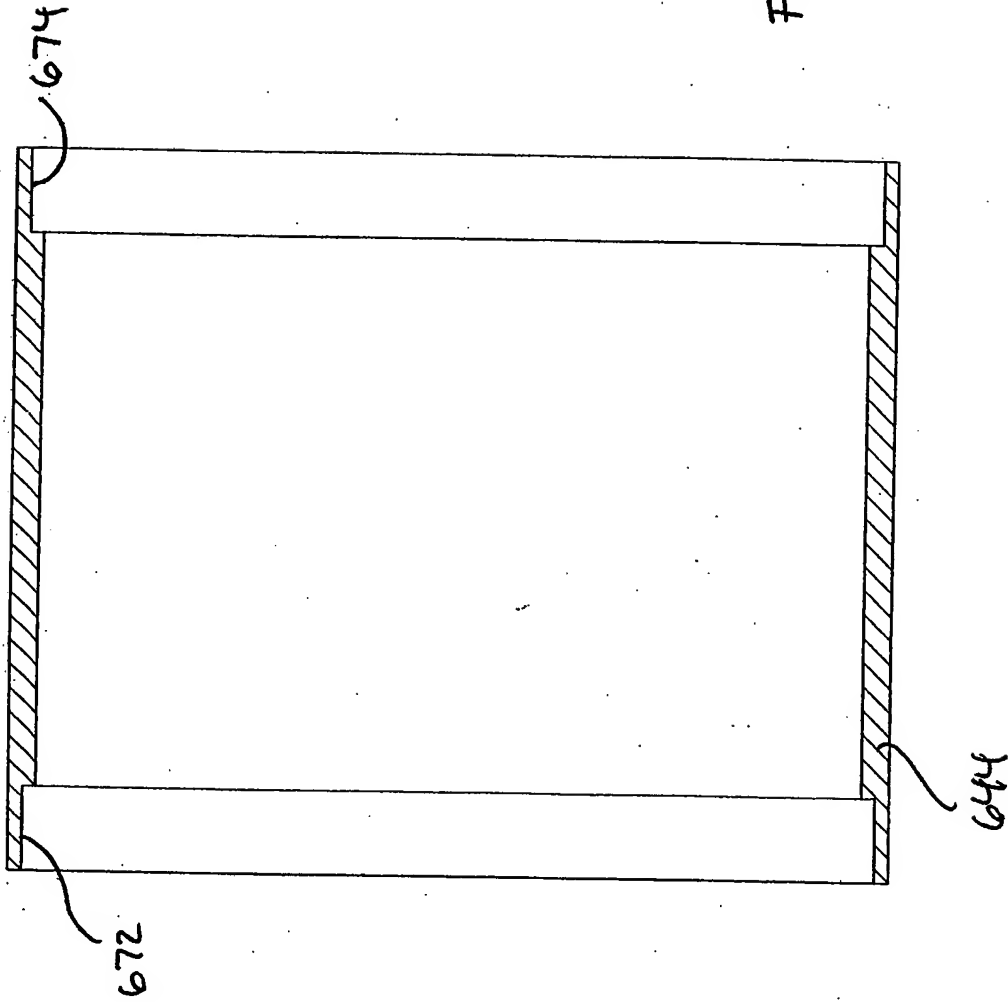


FIG. 81

FIG. 82



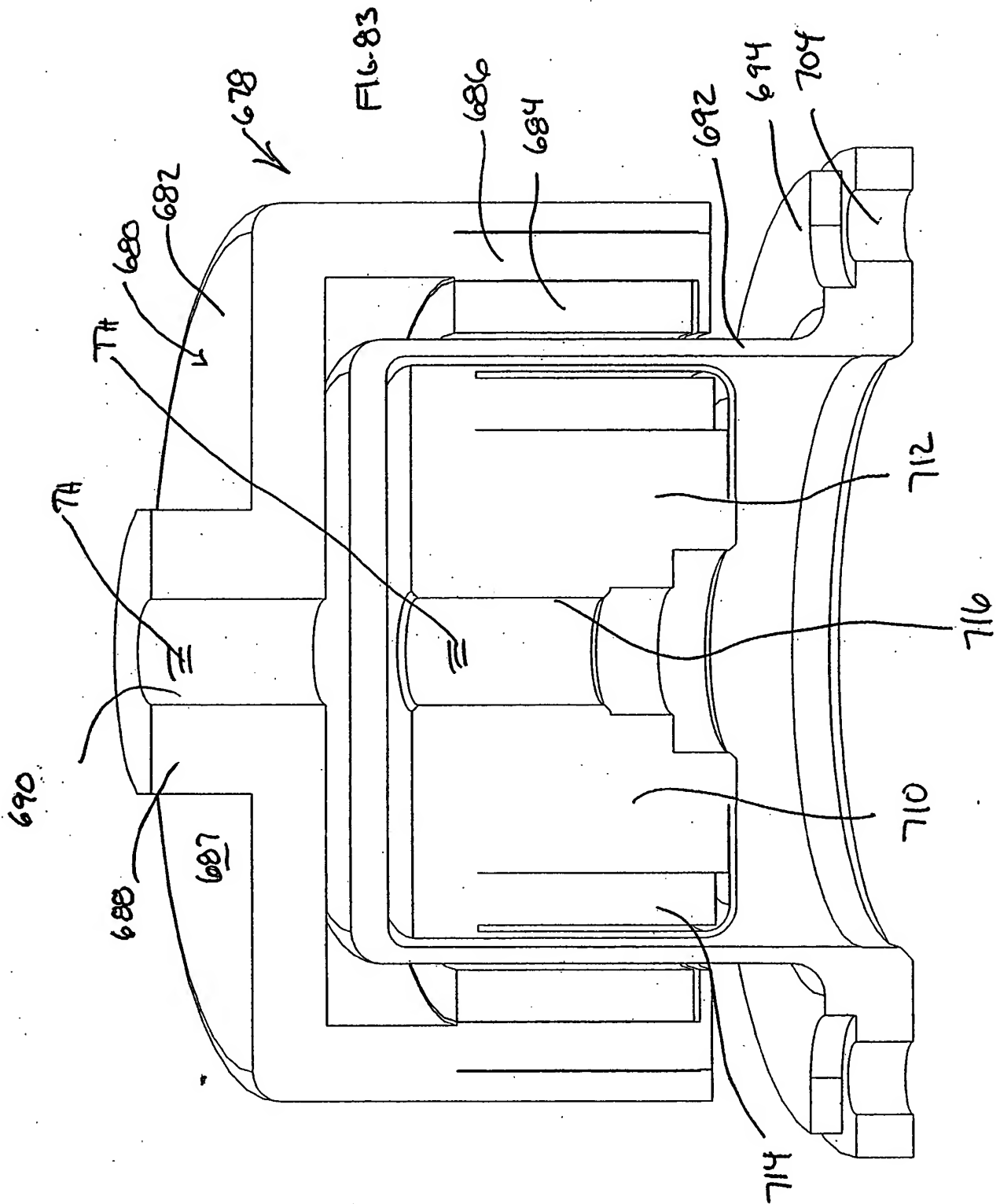
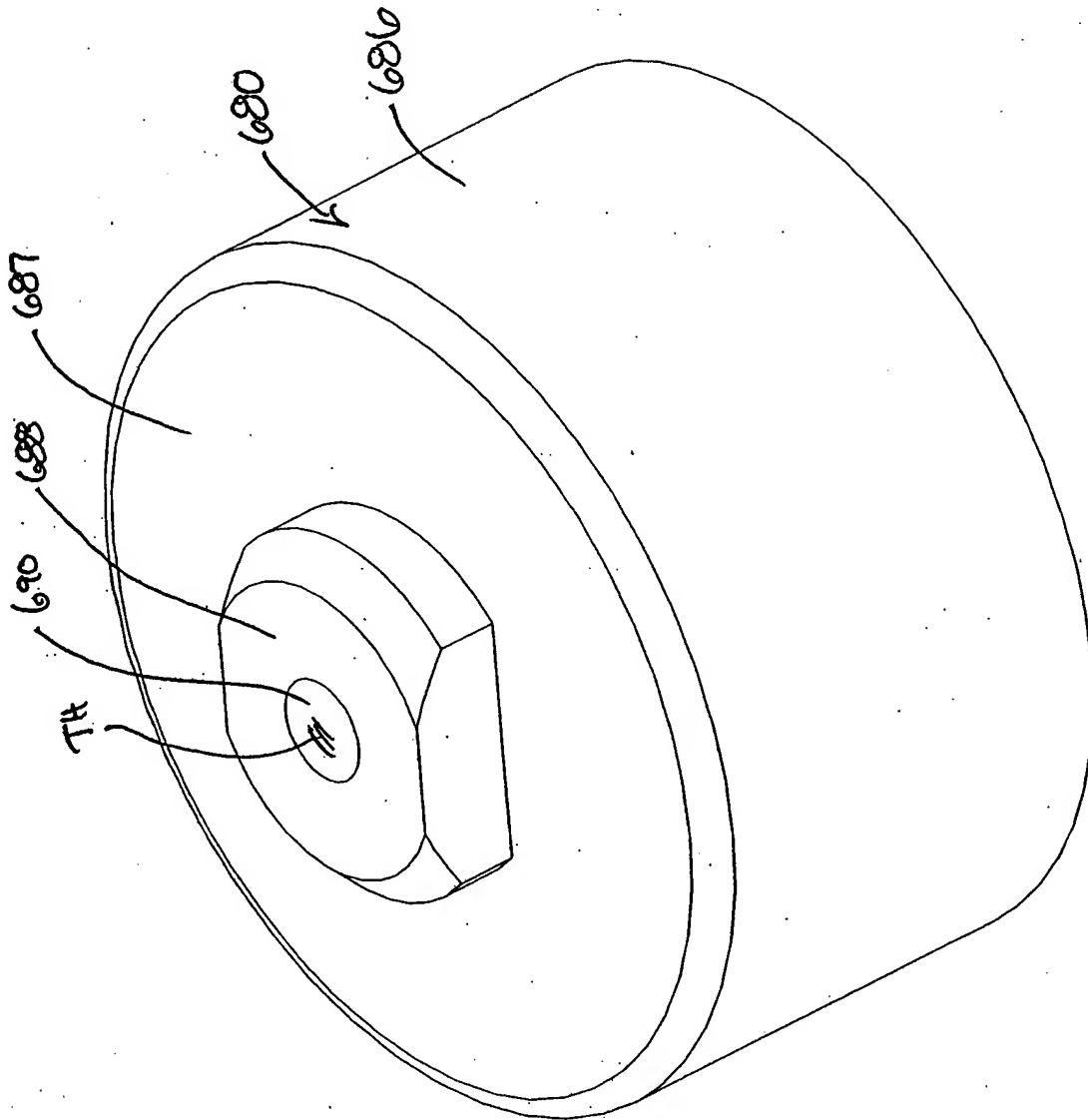
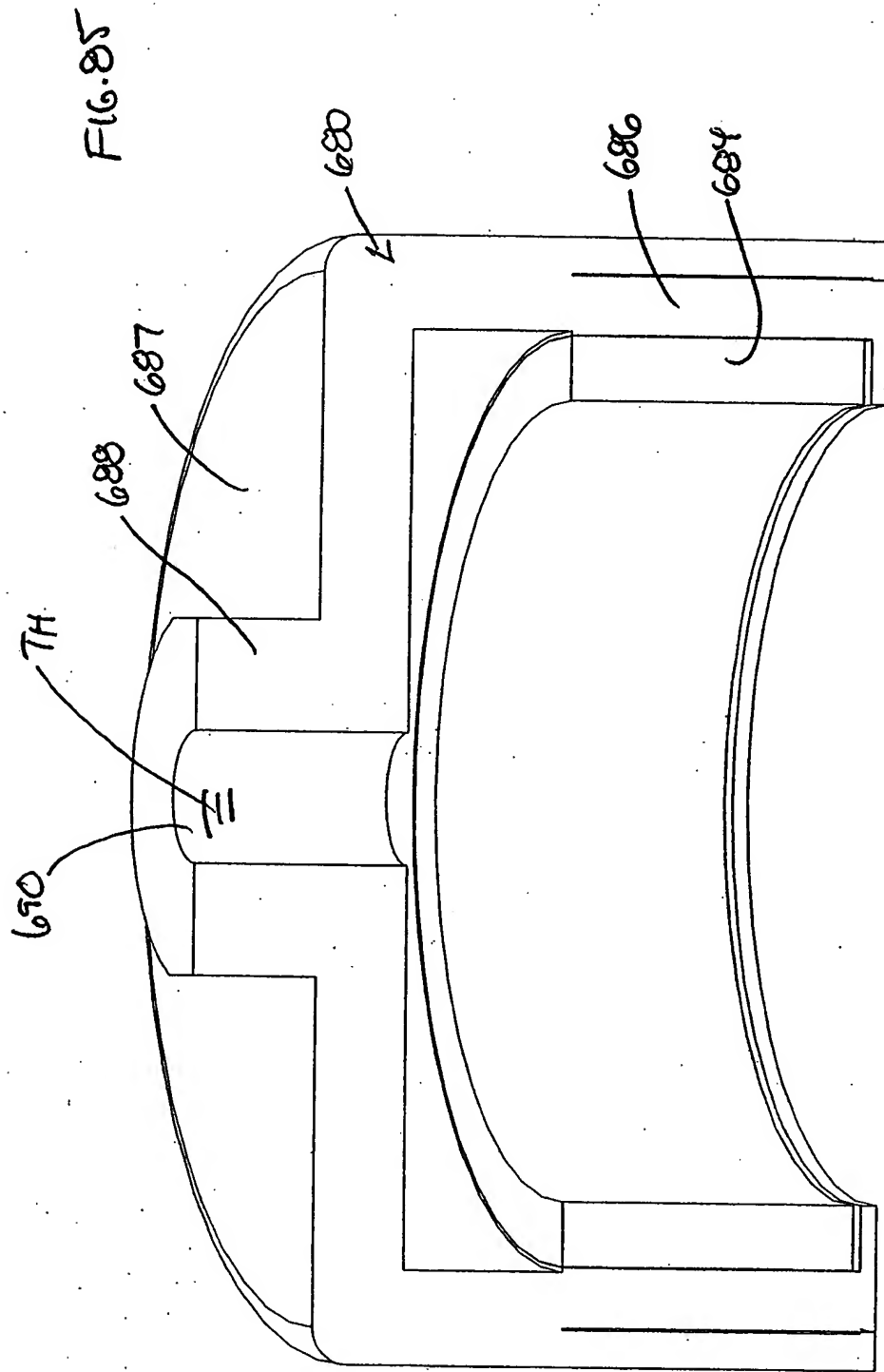


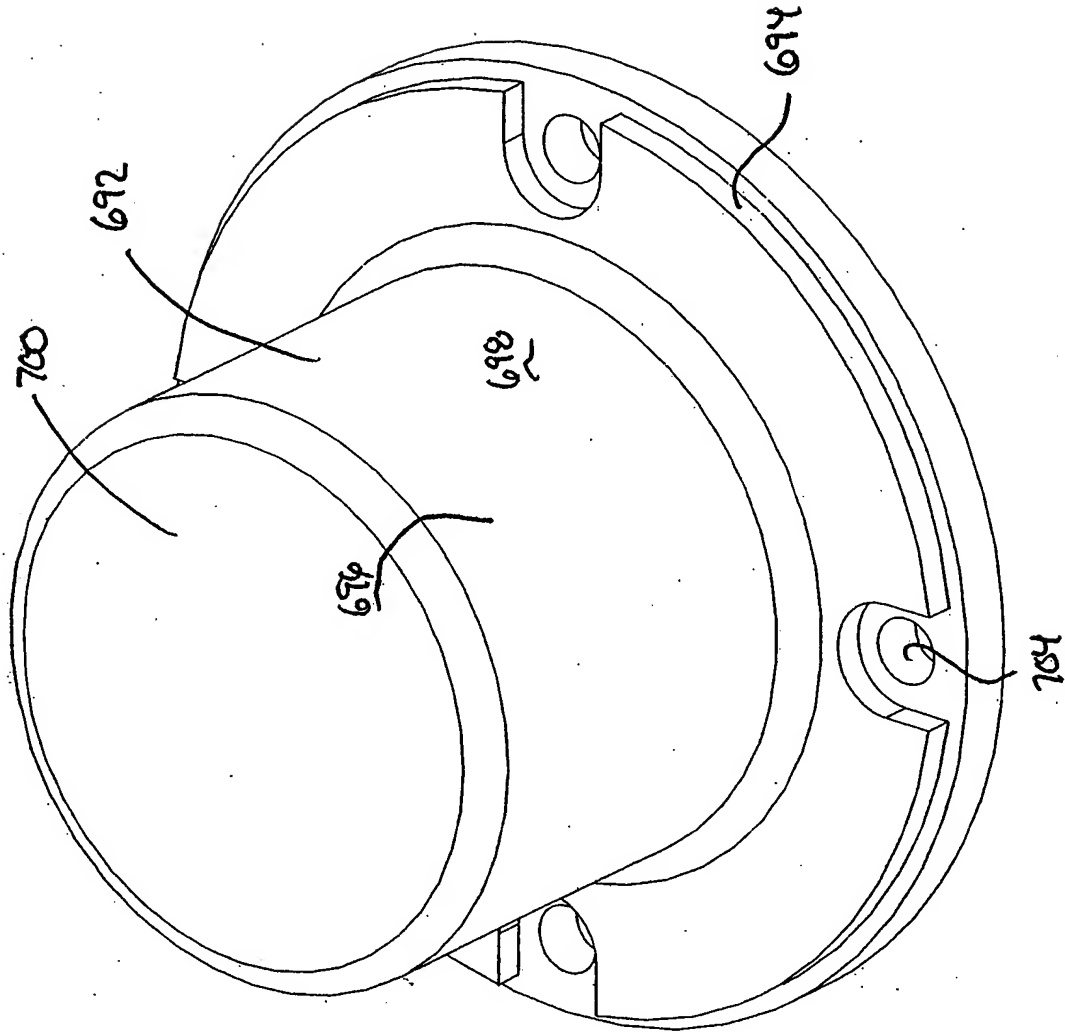
FIG. 84

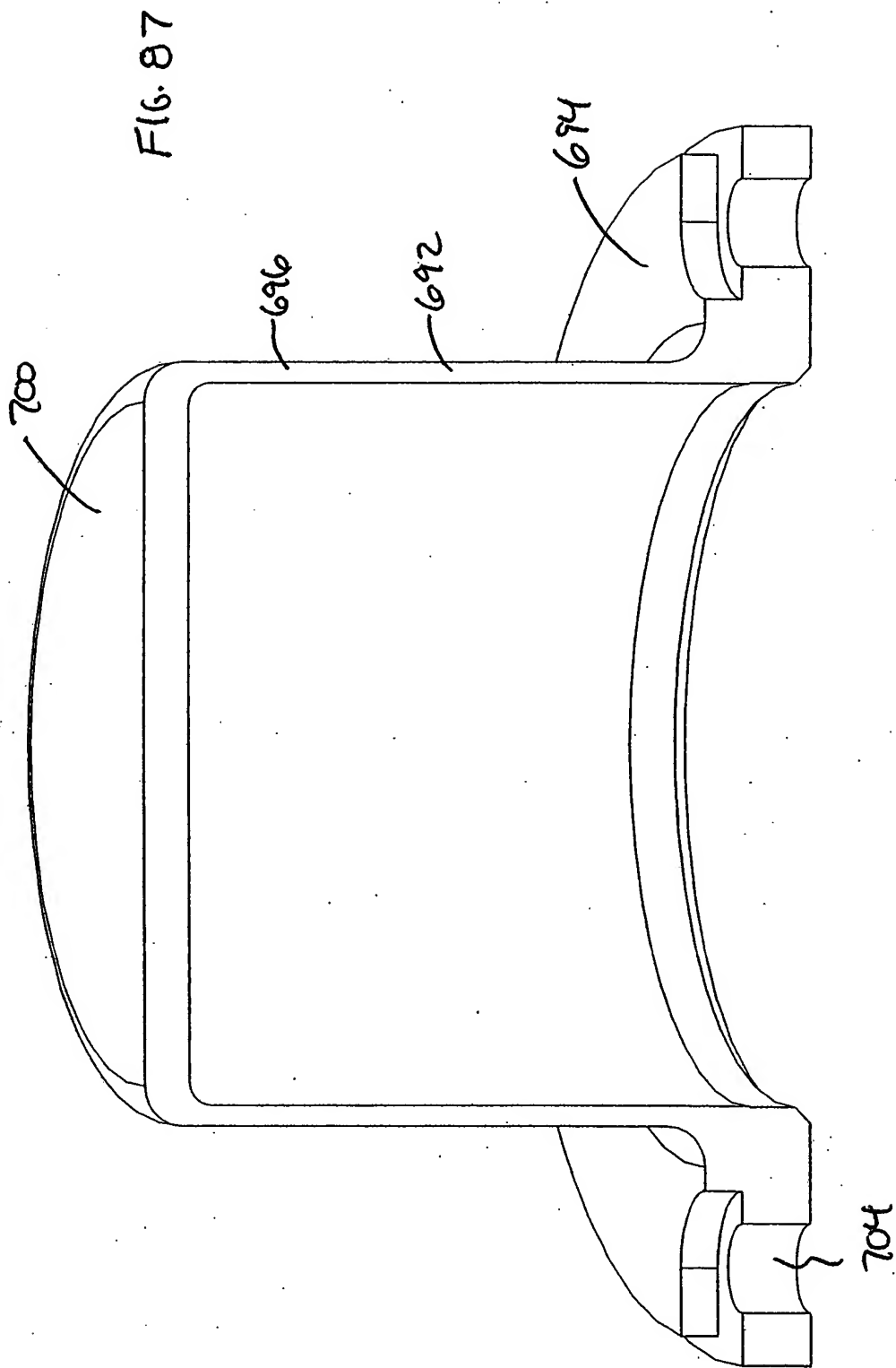




Replacement Sheet

FIG. 86





Replacement Sheet

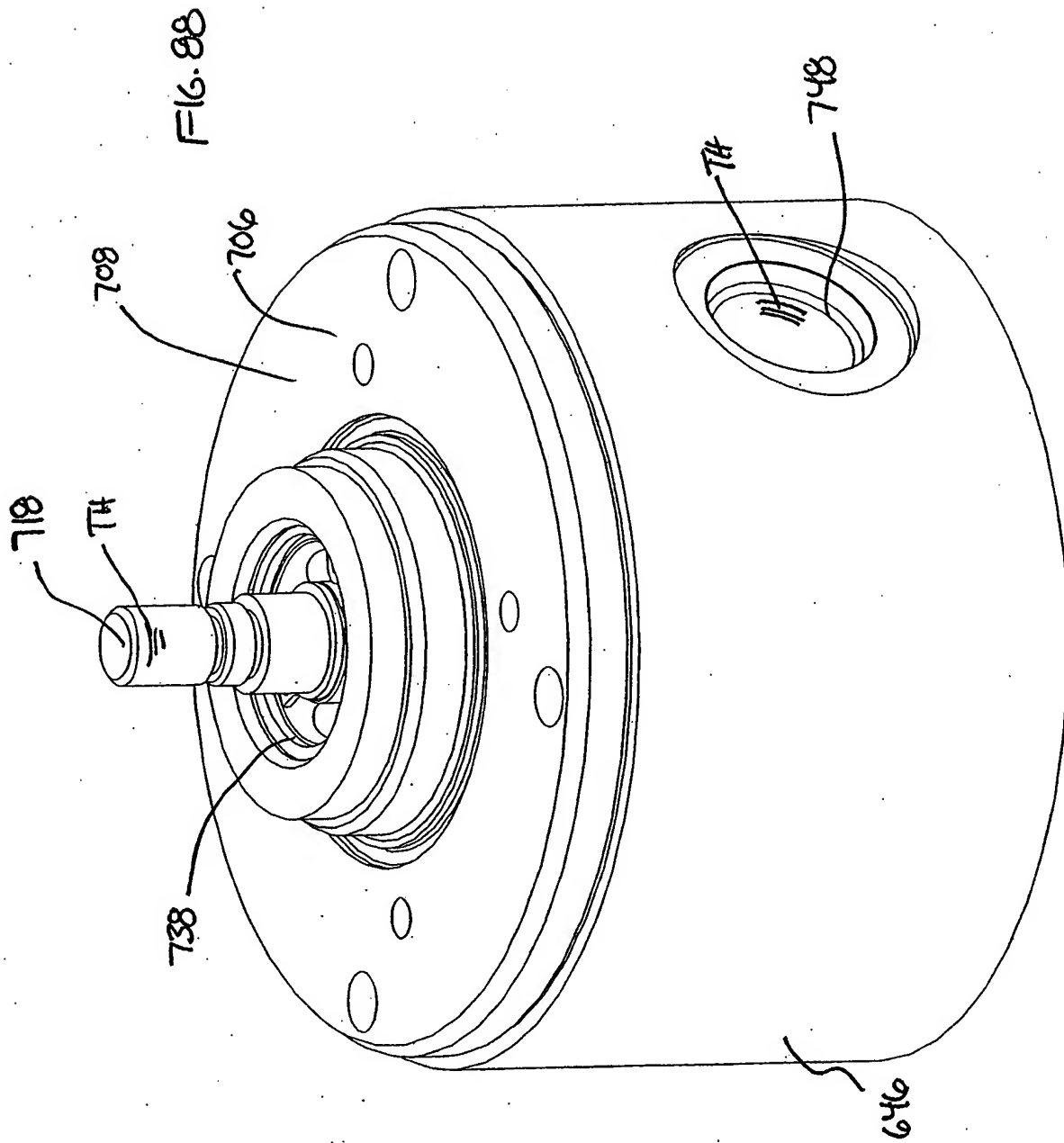


FIG. 89A

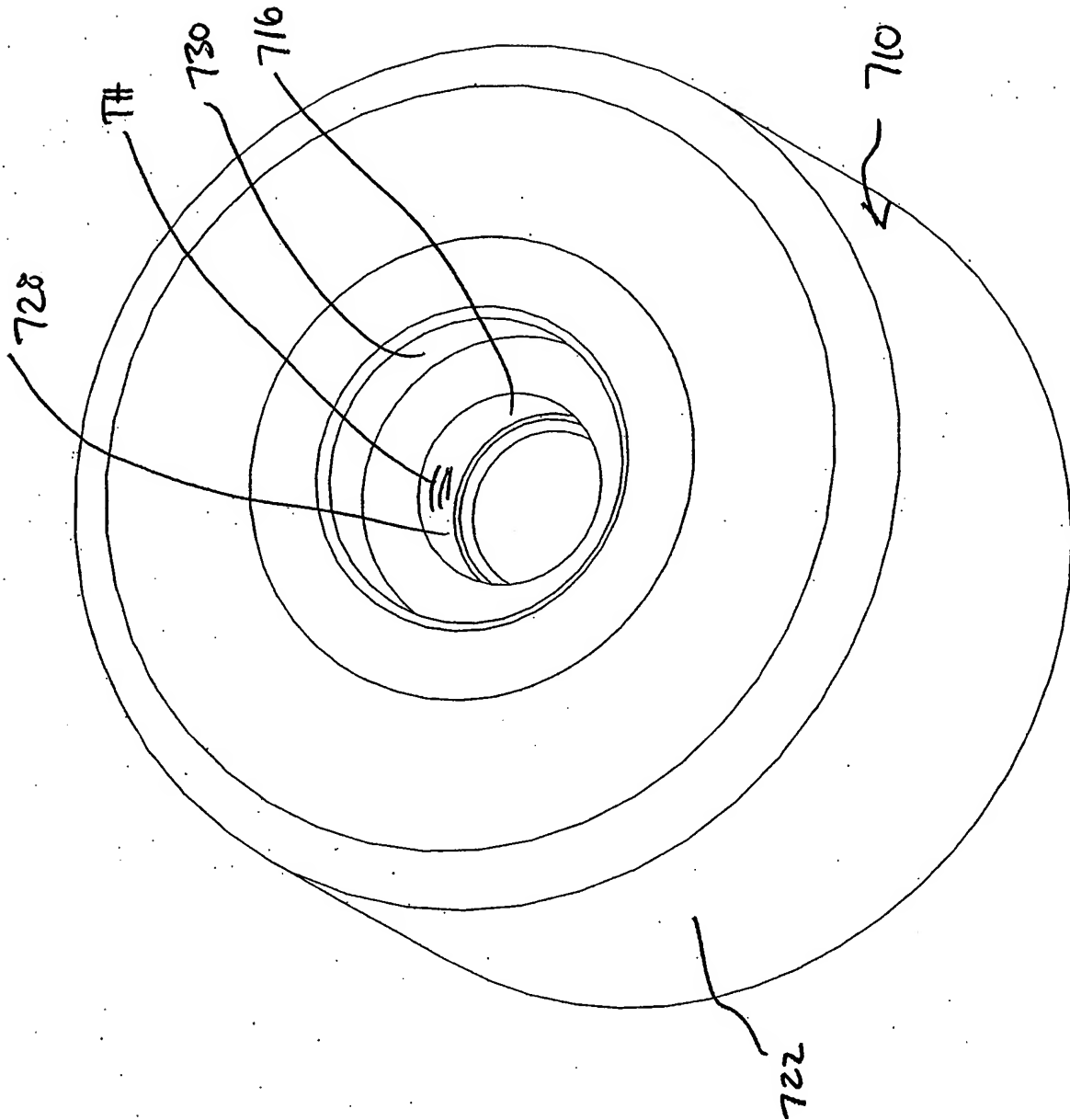


FIG. 89B

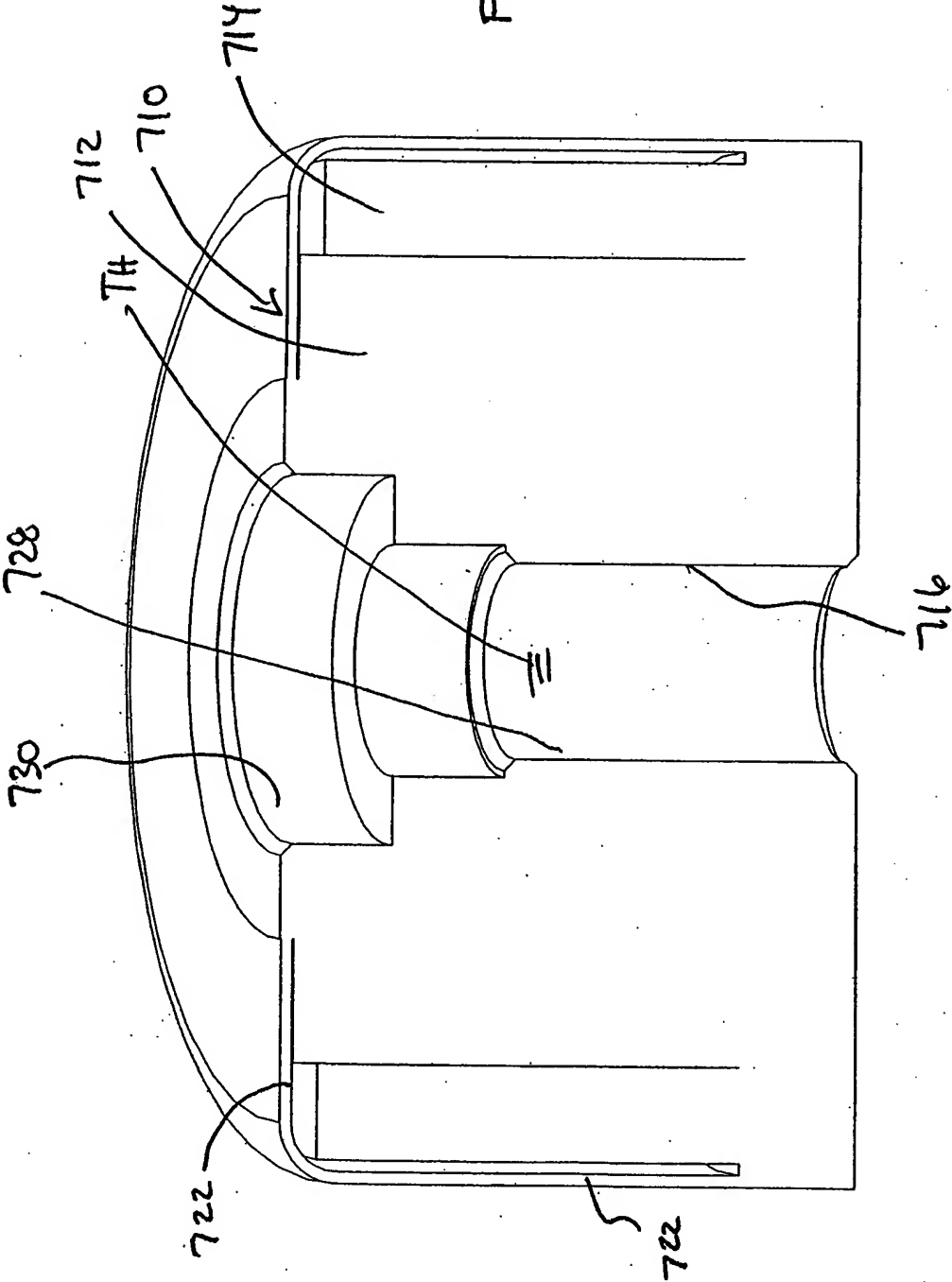


FIG. 90

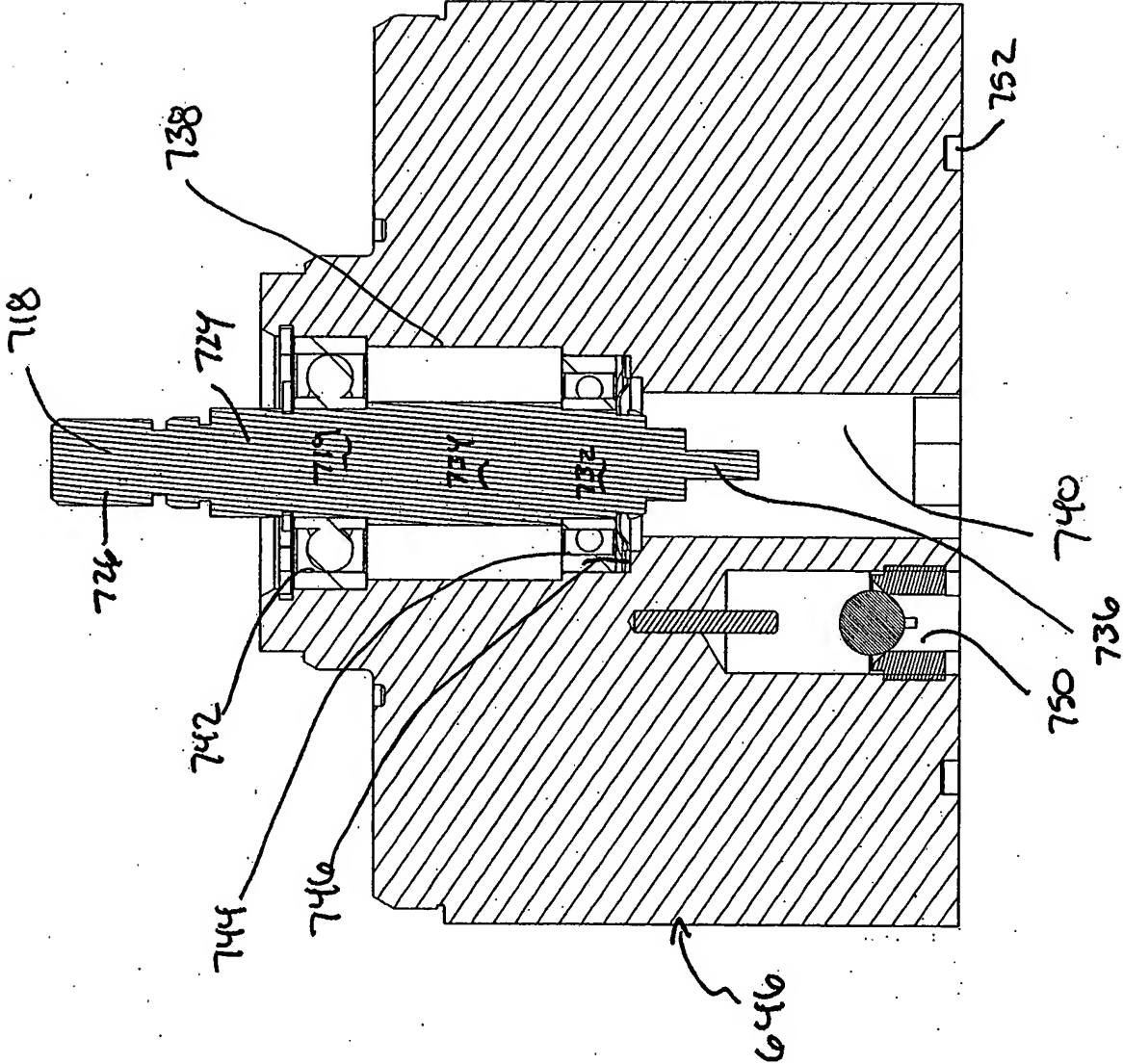


FIG. 91

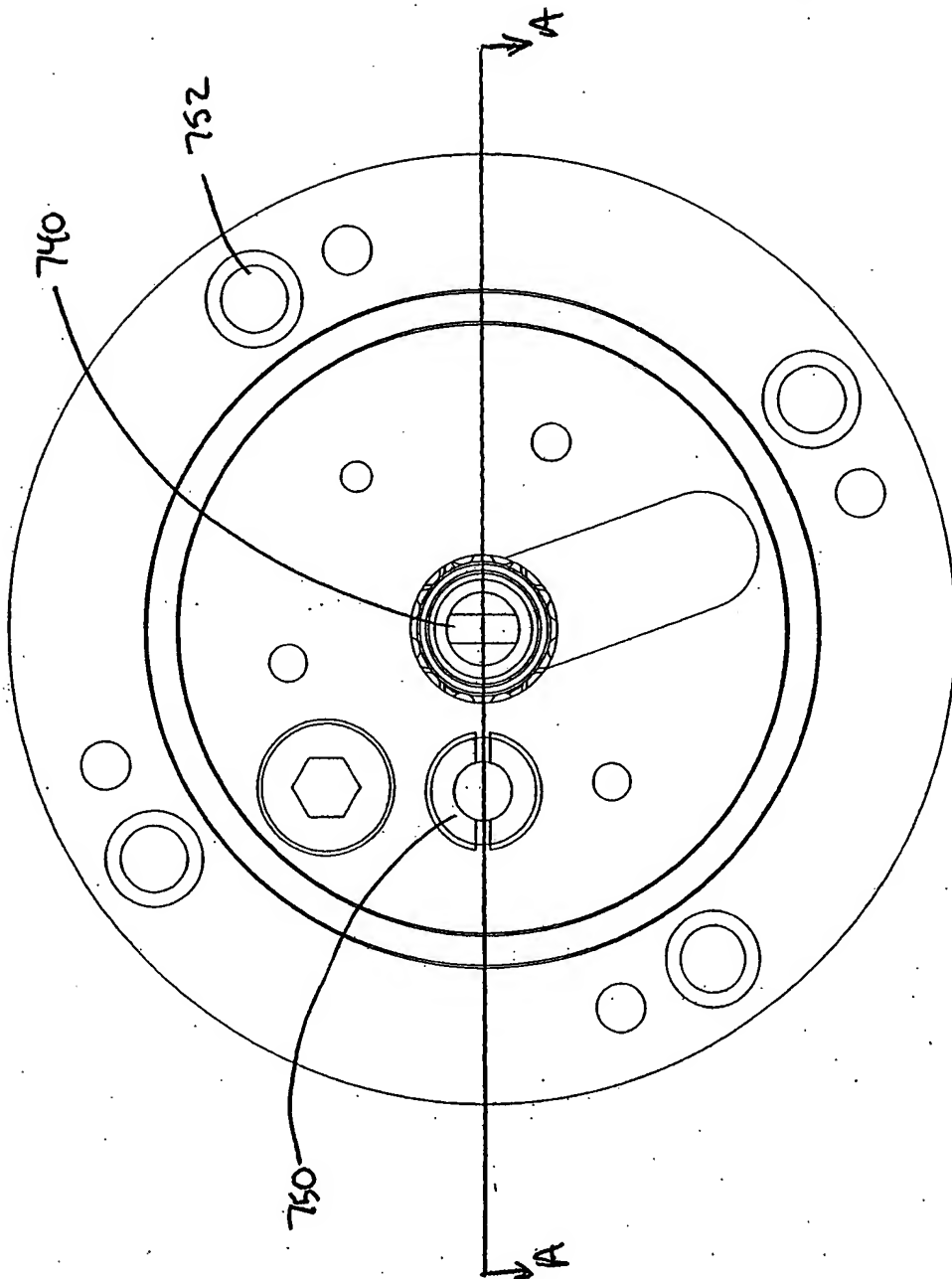
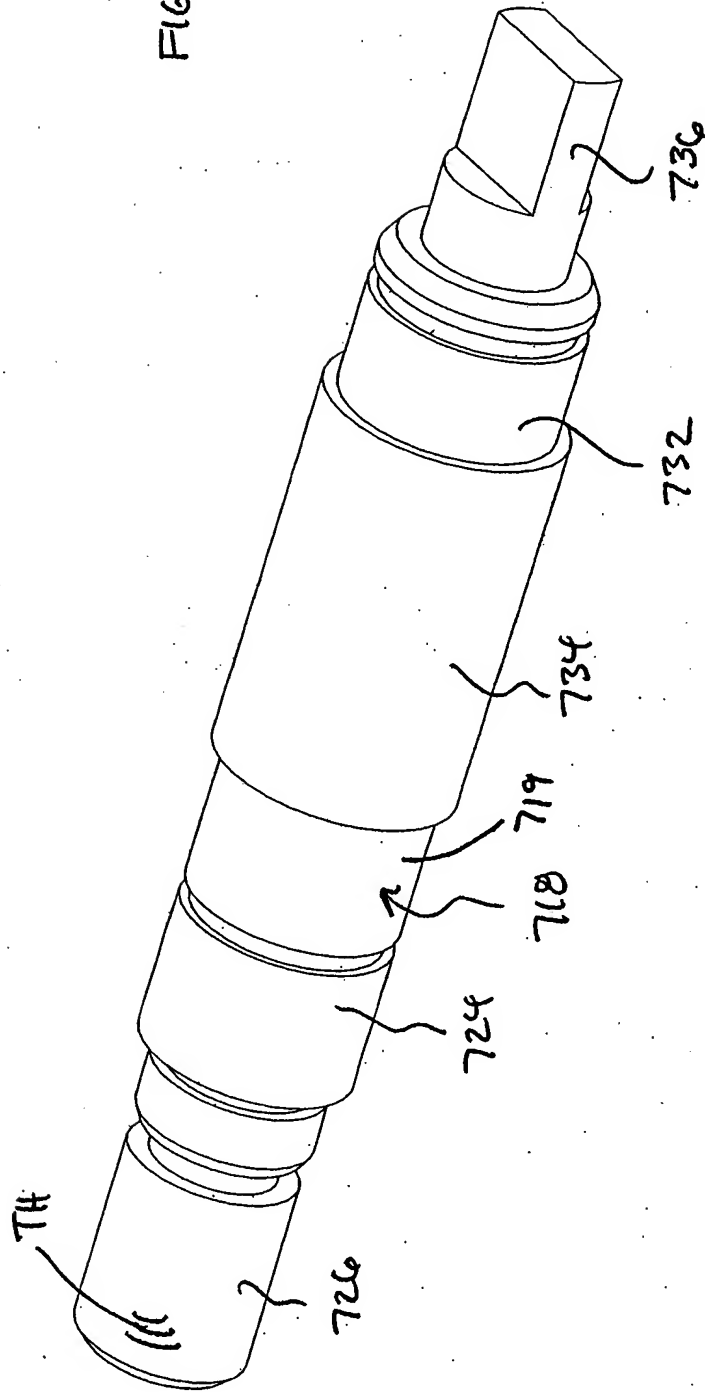


FIG. 92



Replacement Sheet

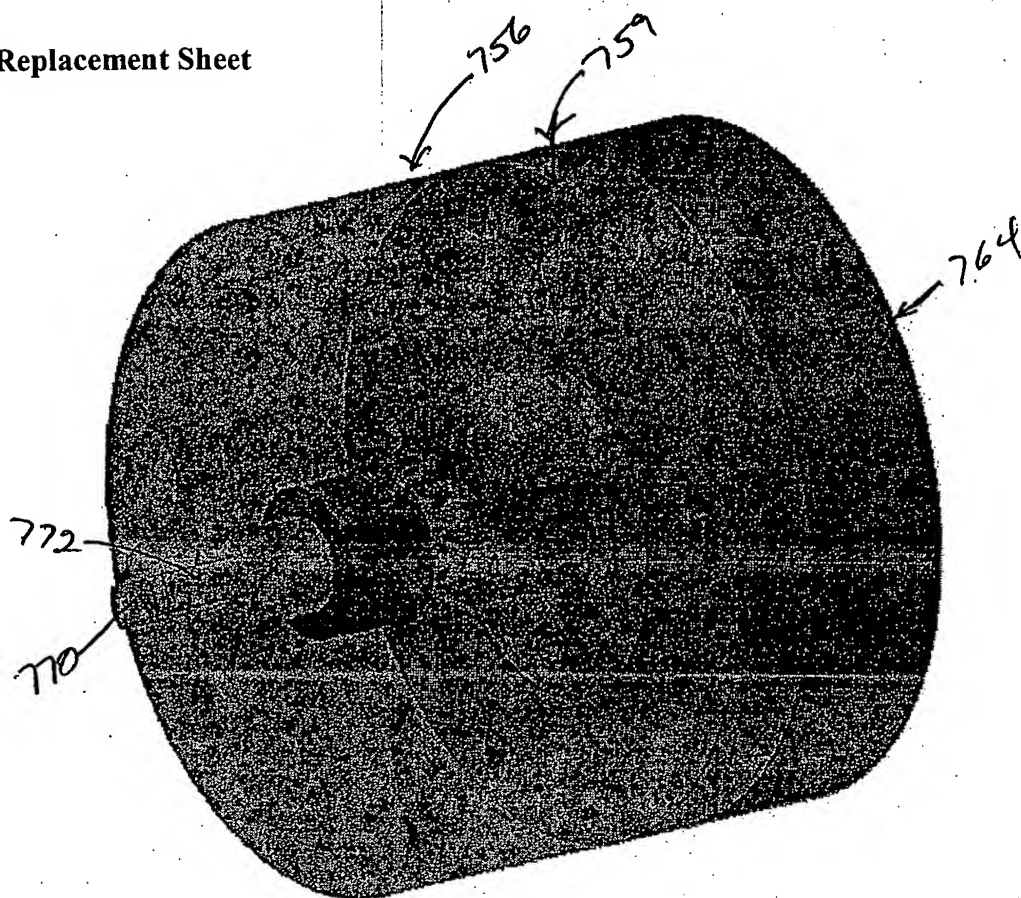
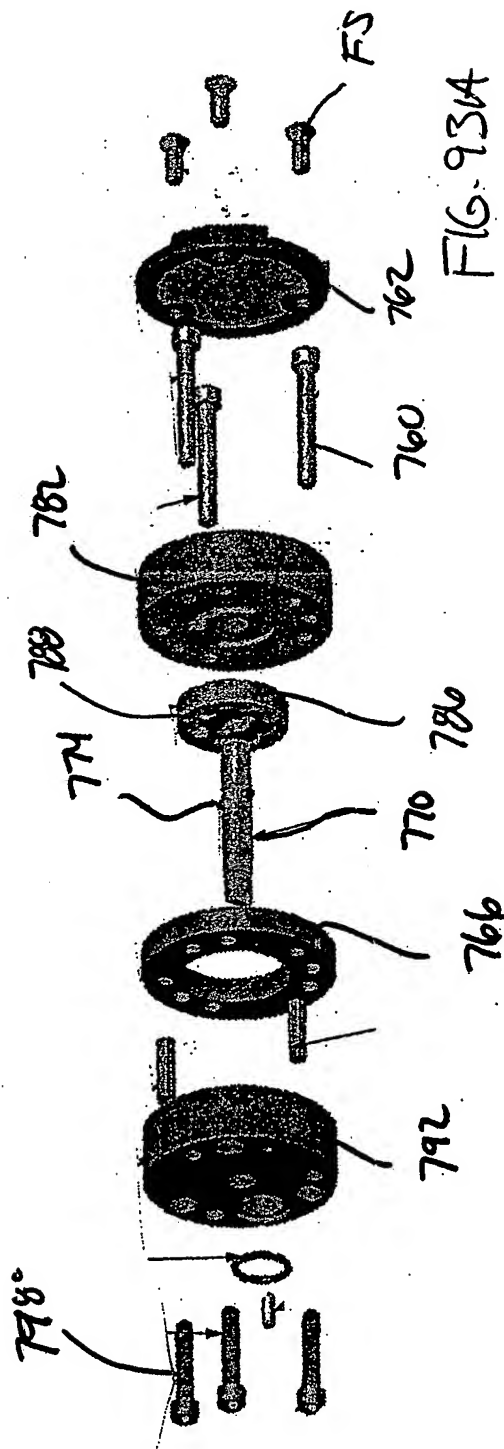


FIG. 93



Replacement Sheet

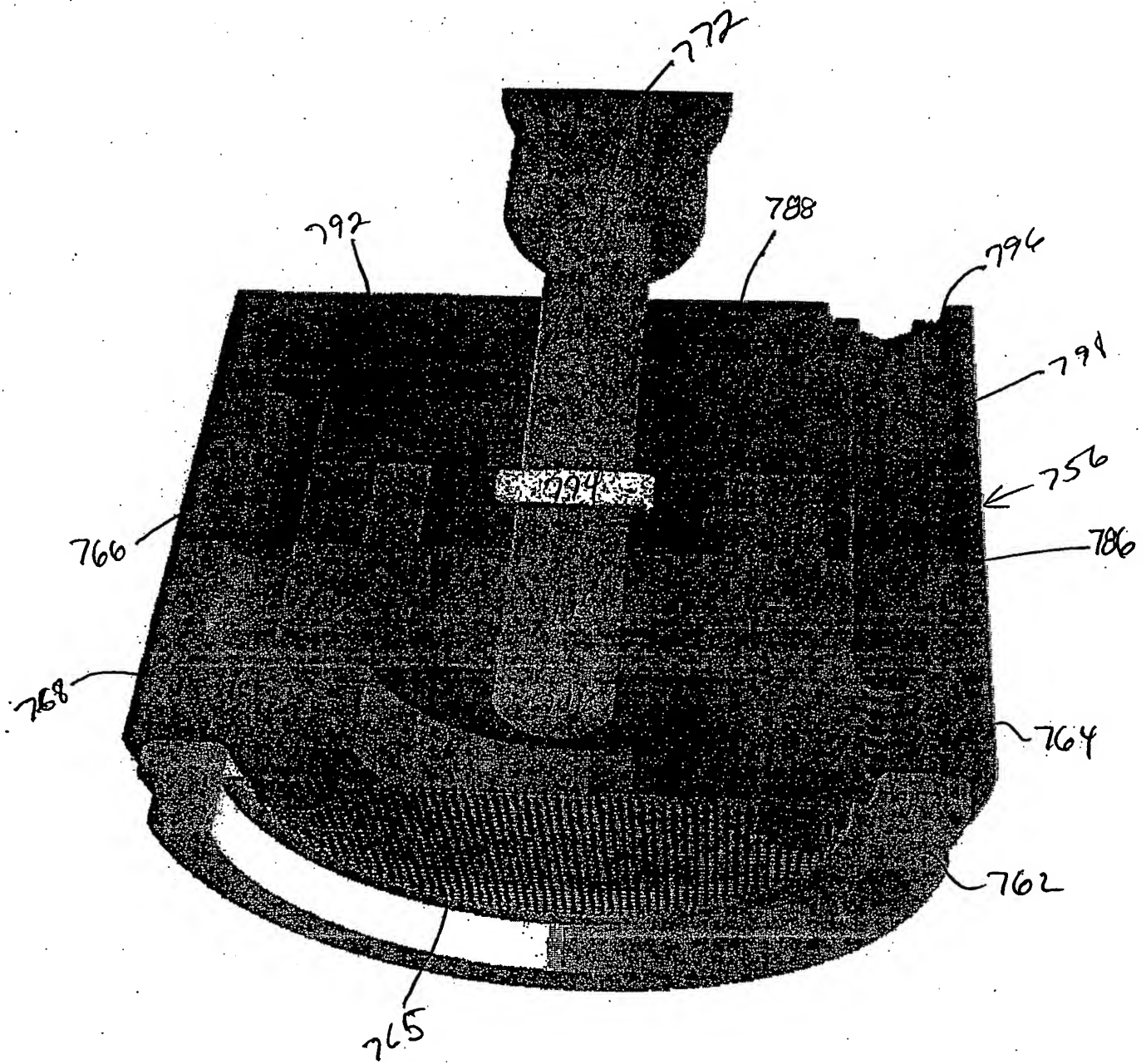


FIG. 94

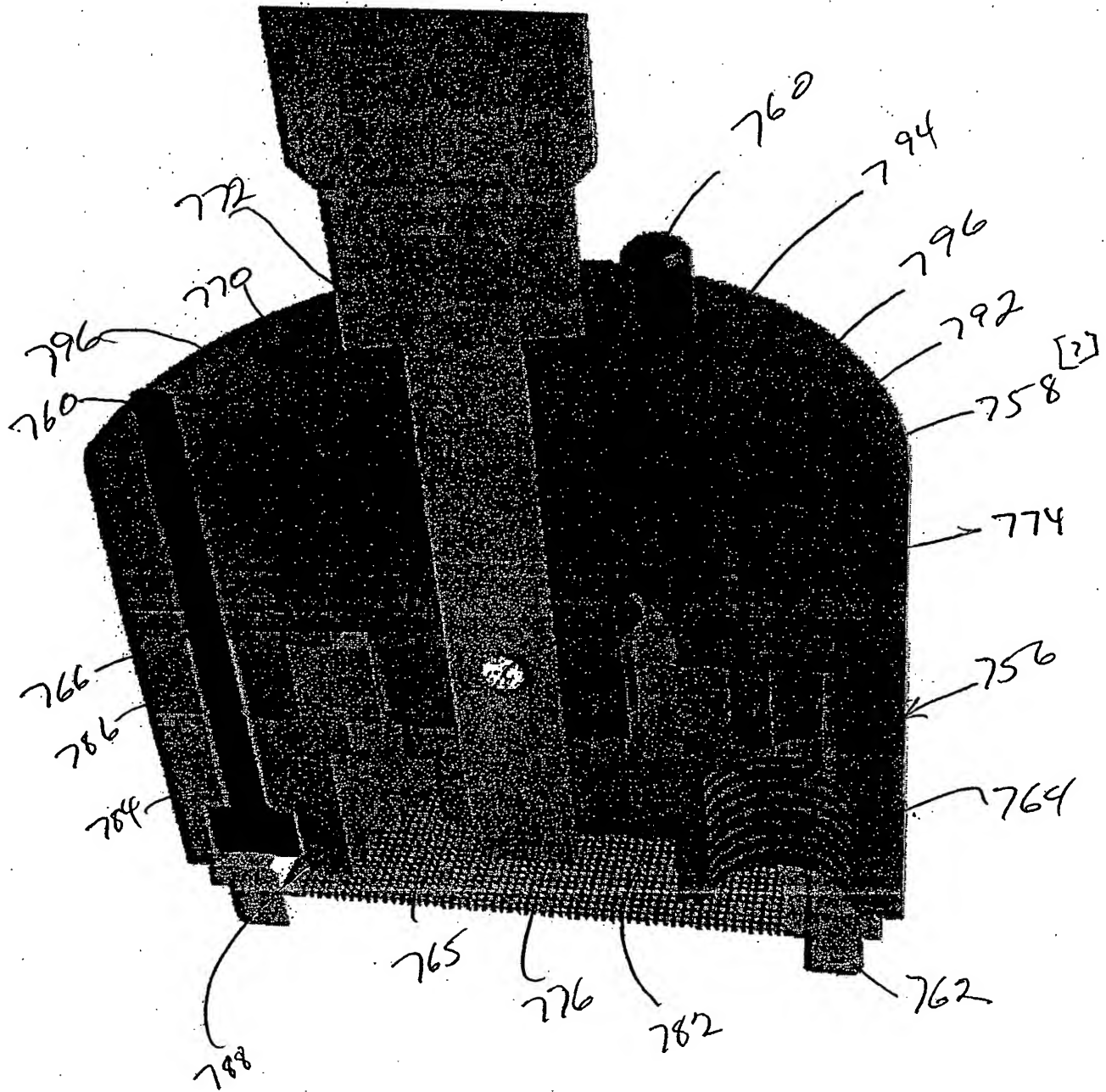
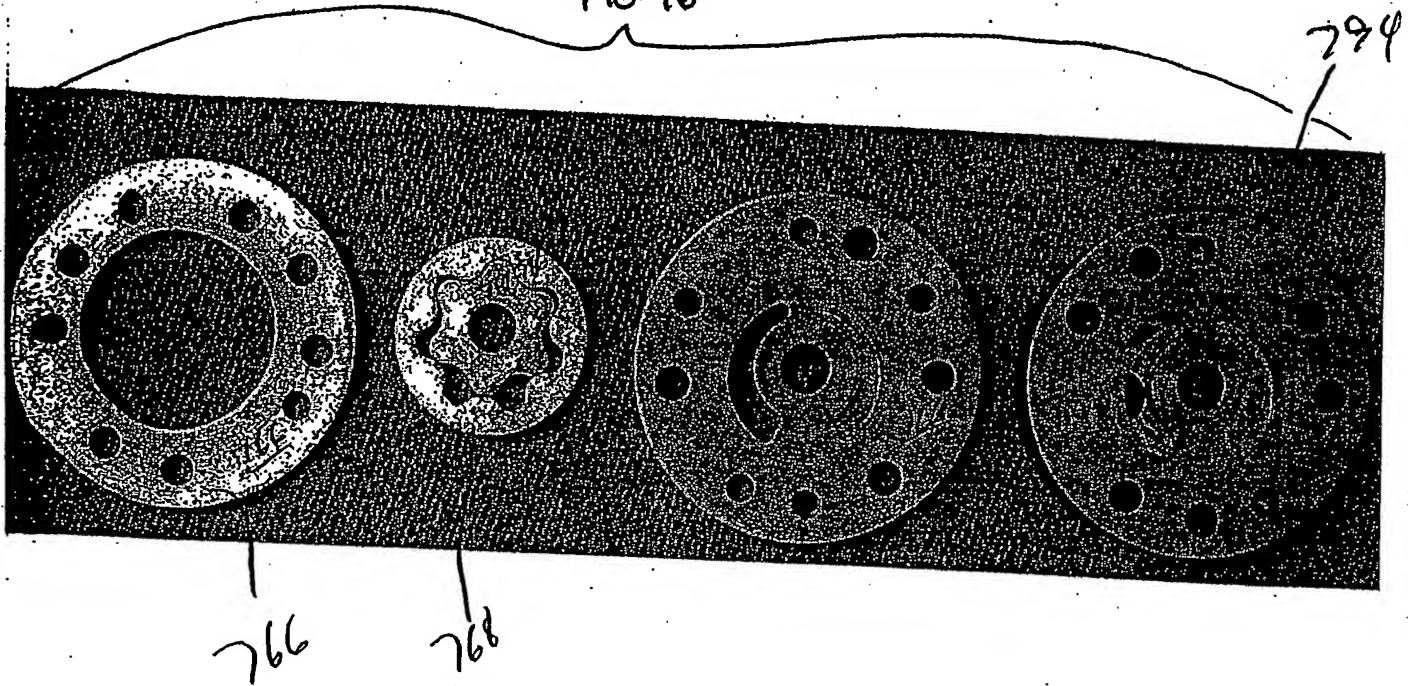


FIG. 95

Replacement Sheet

FIG. 96



Replacement Sheet

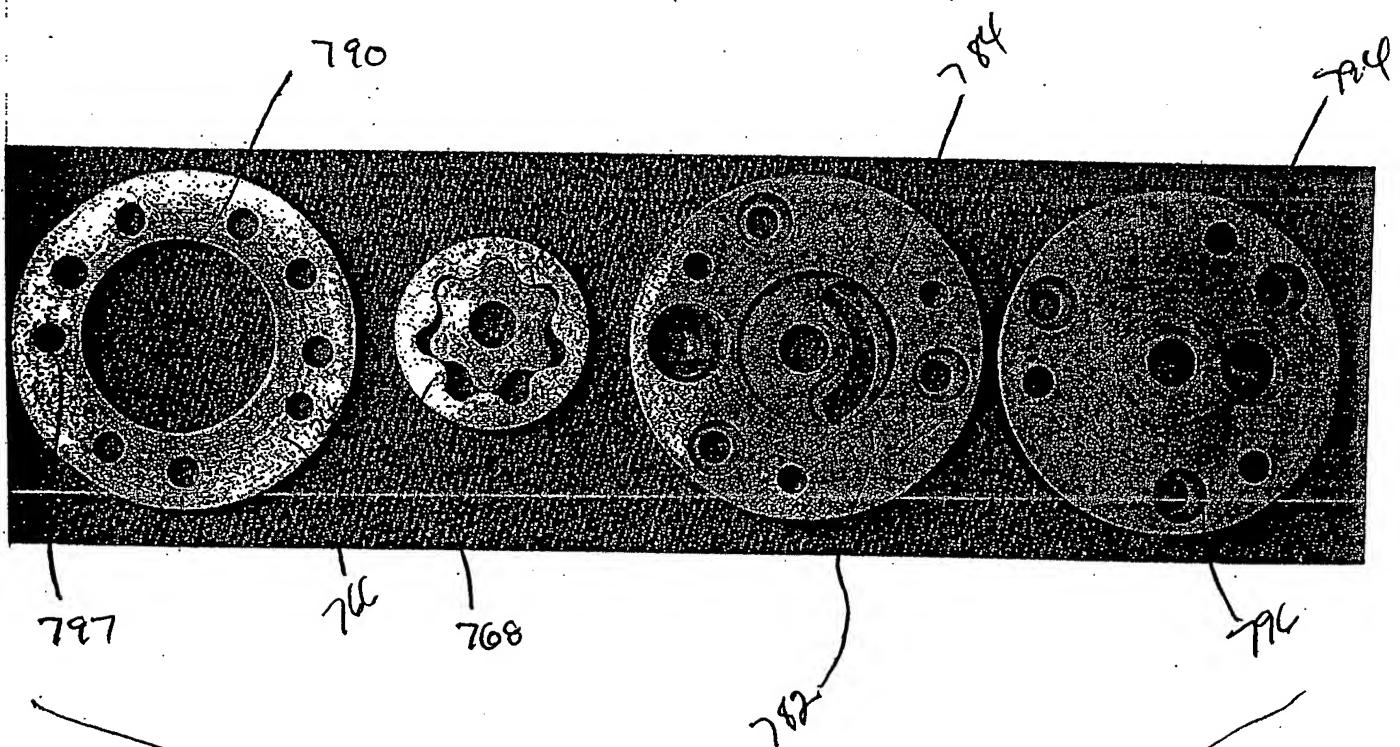


FIG. 97

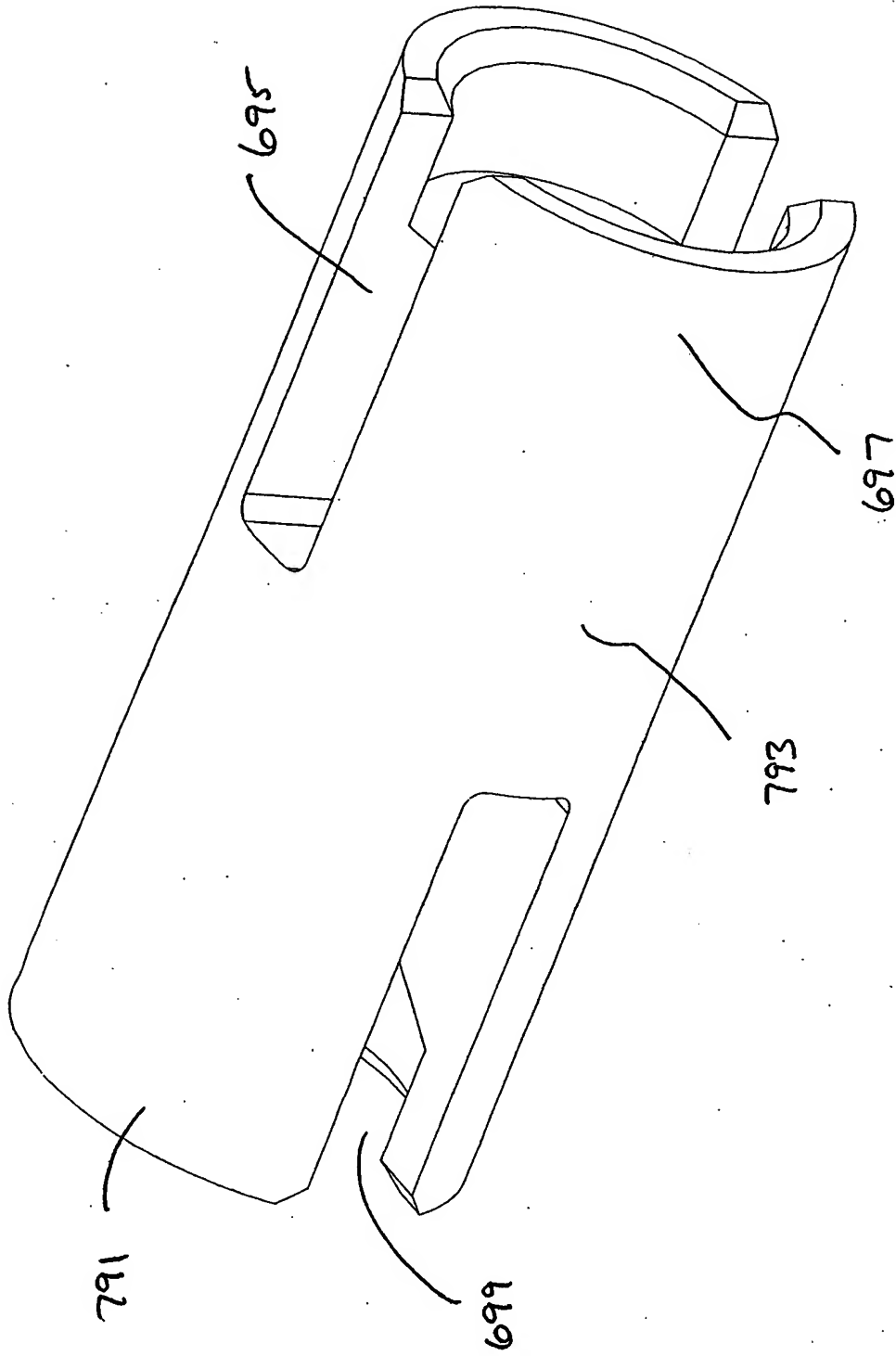
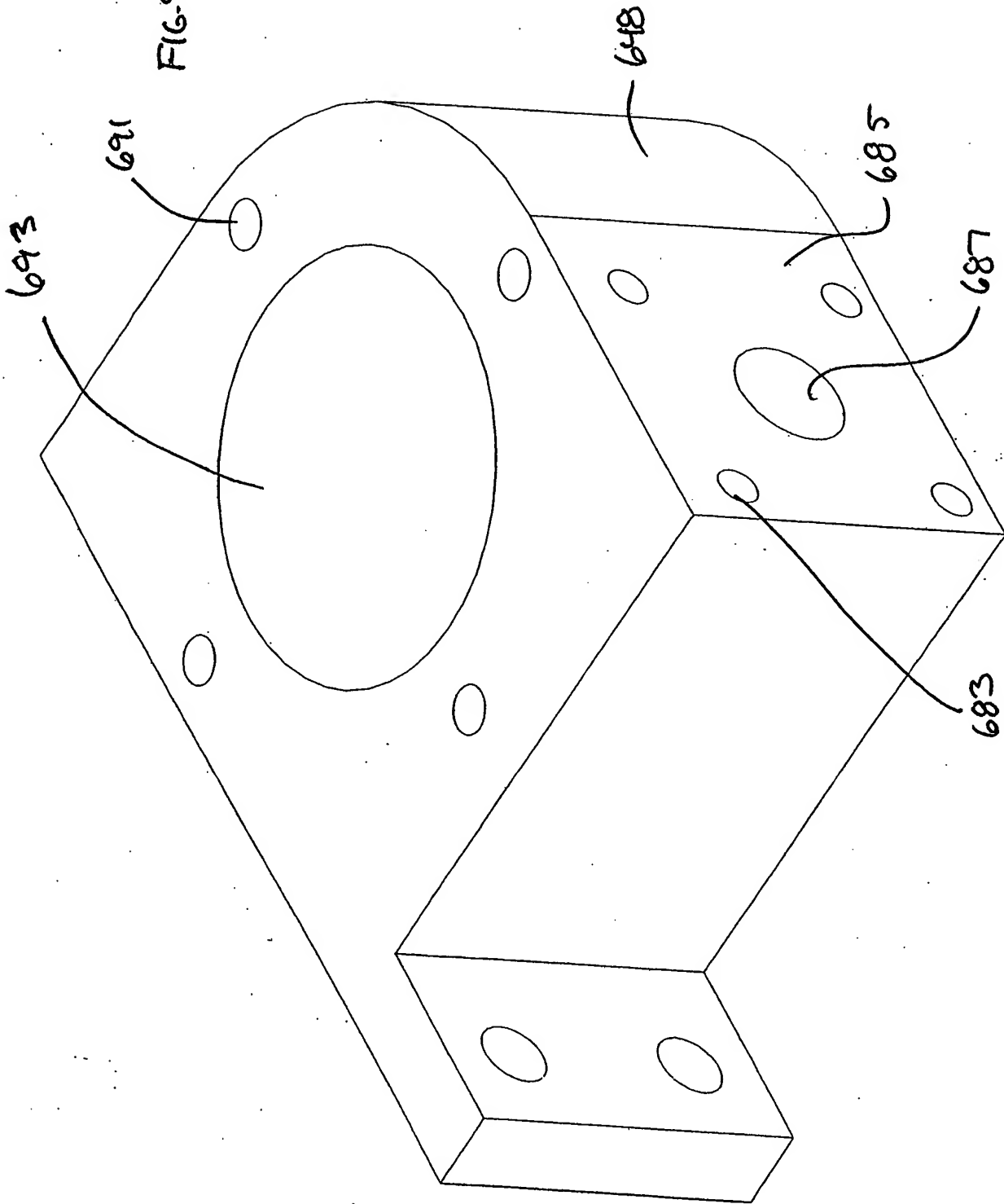


FIG. 98

FIG. 99



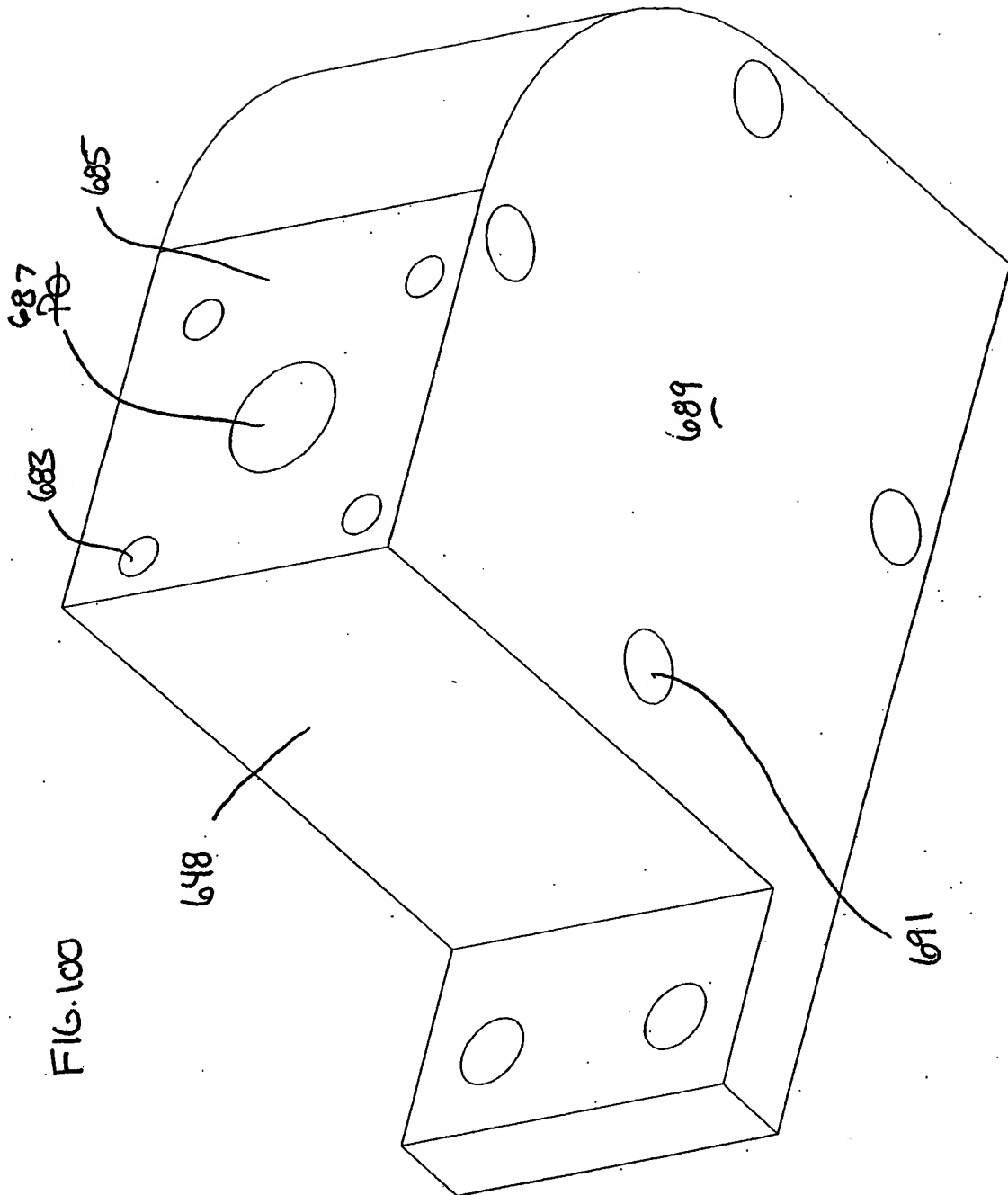
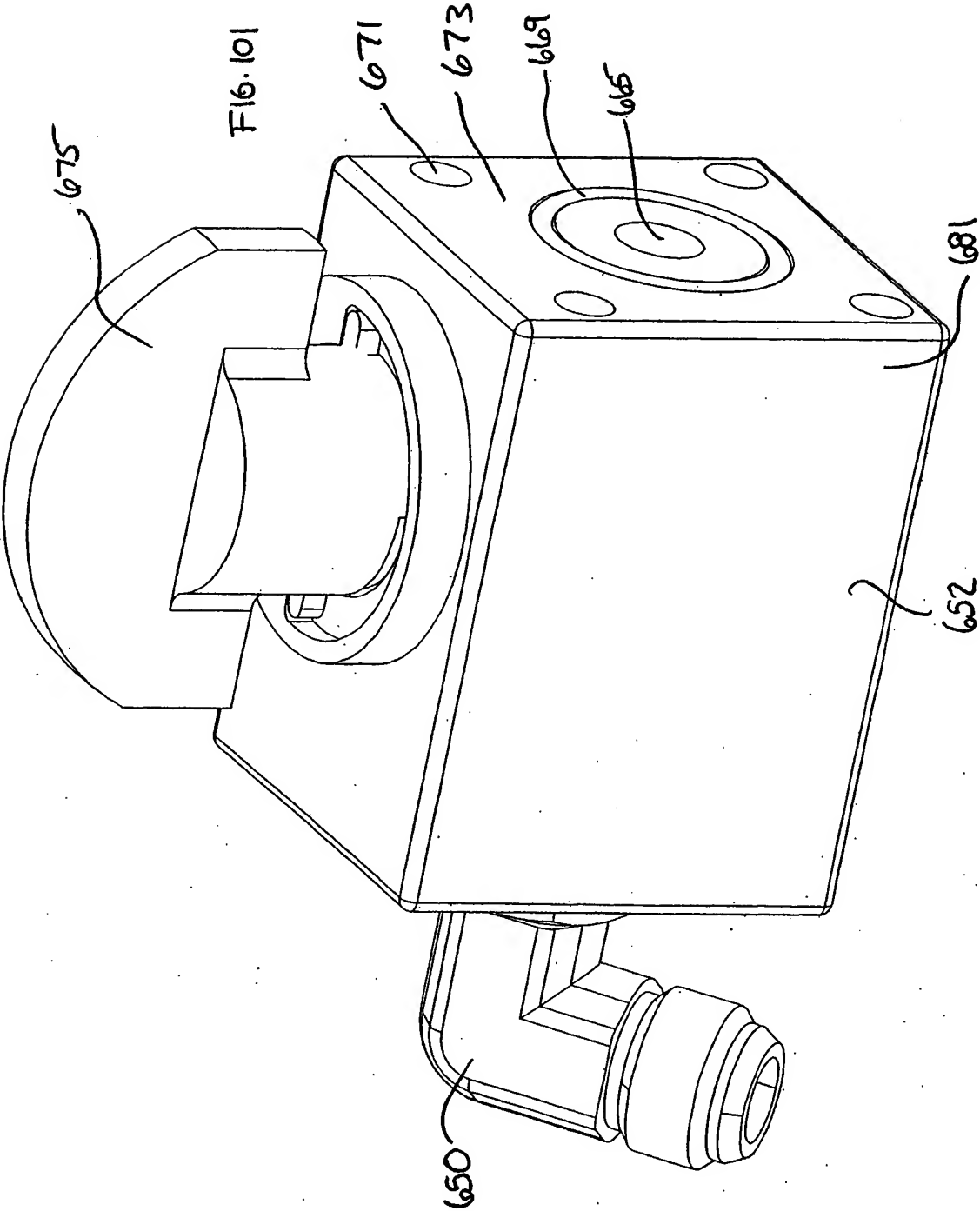
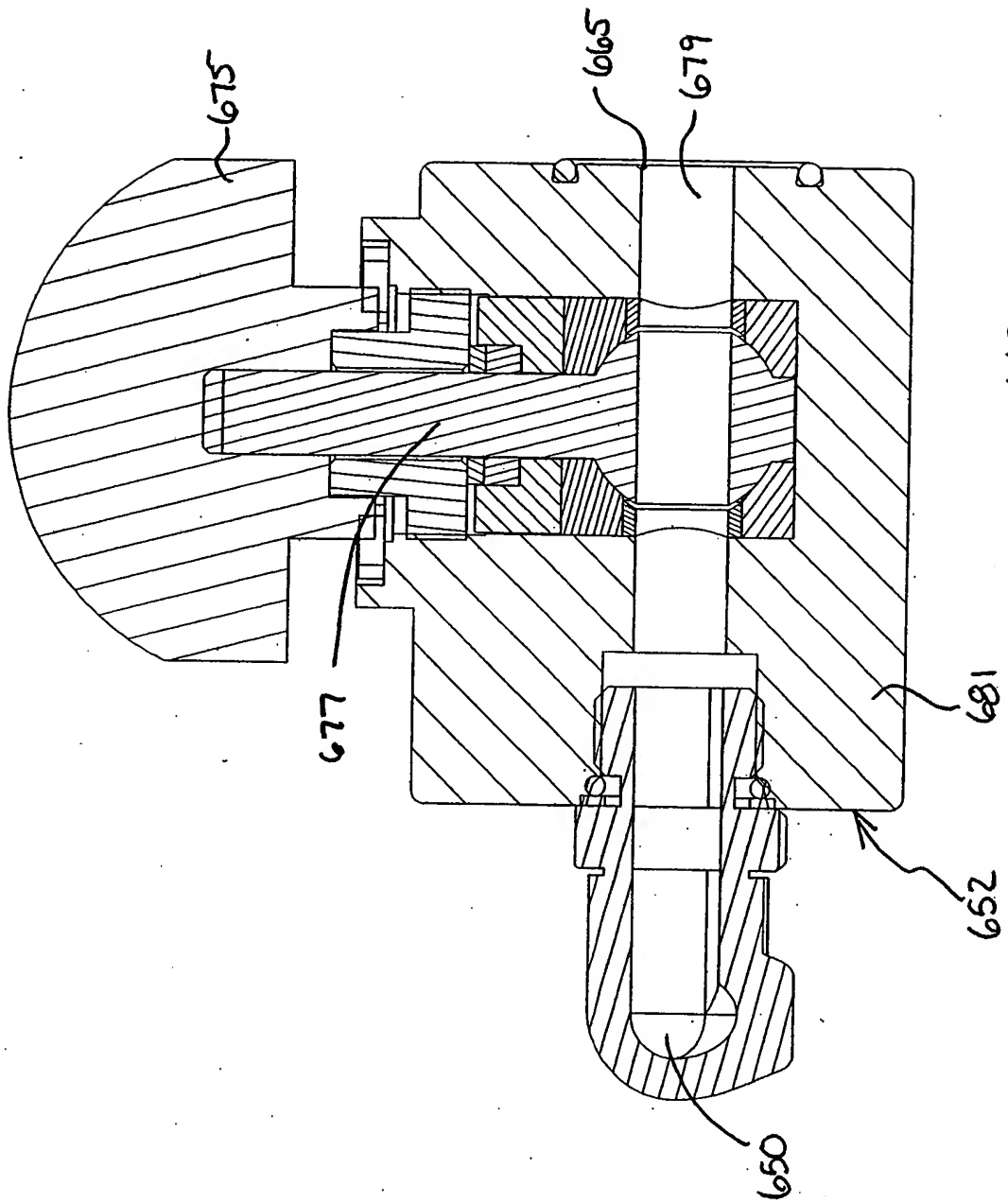
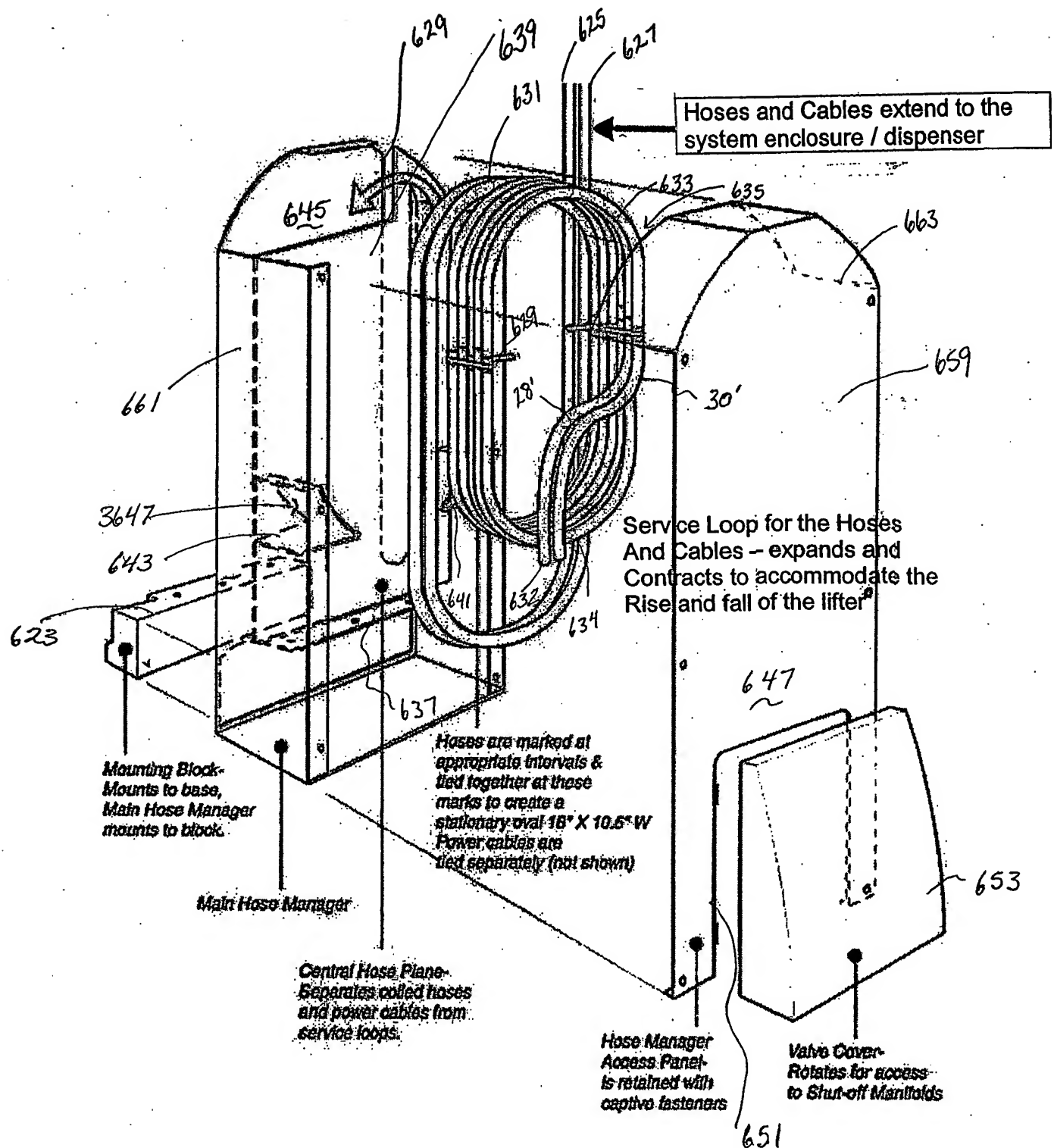


FIG. 100





Replacement Sheet



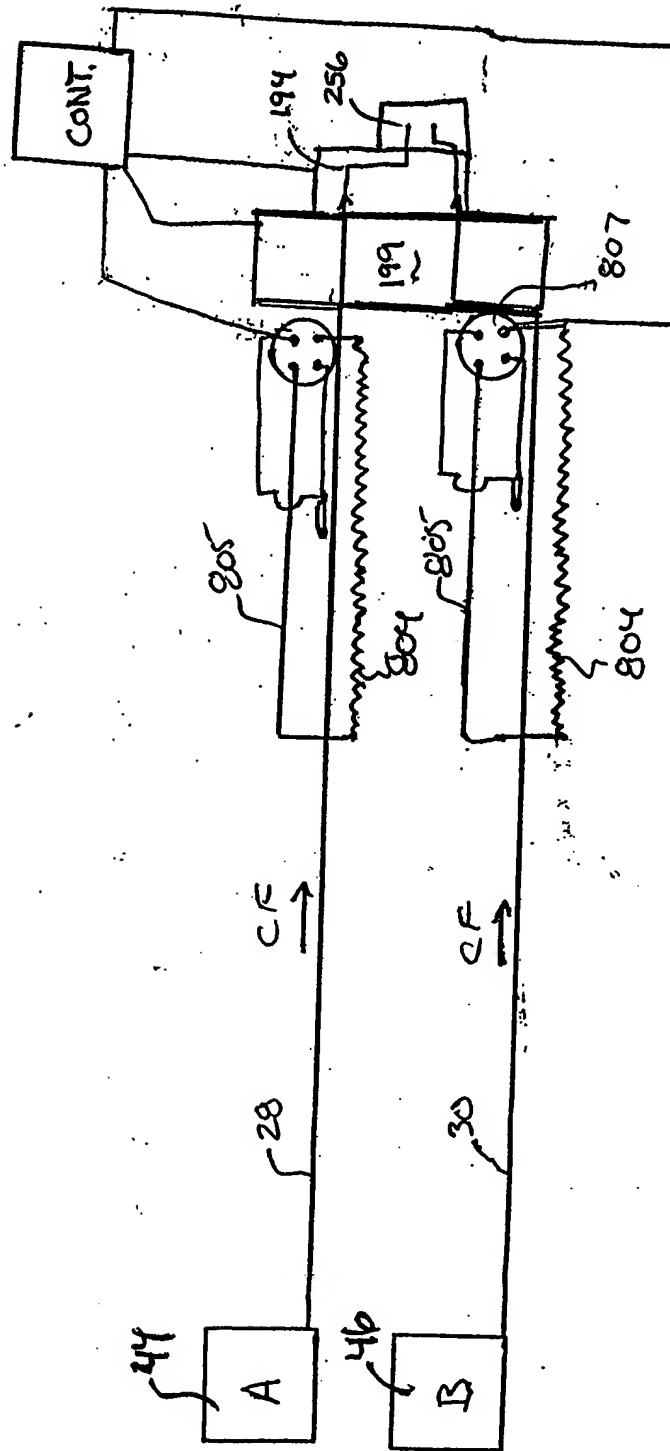


FIG. 104

FIG. 10S

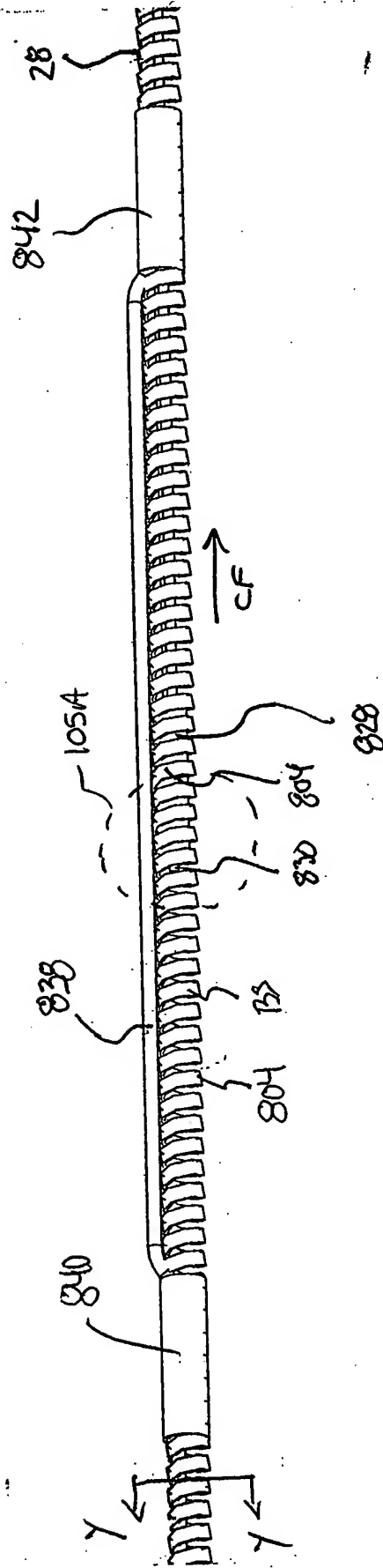


FIG. 105A

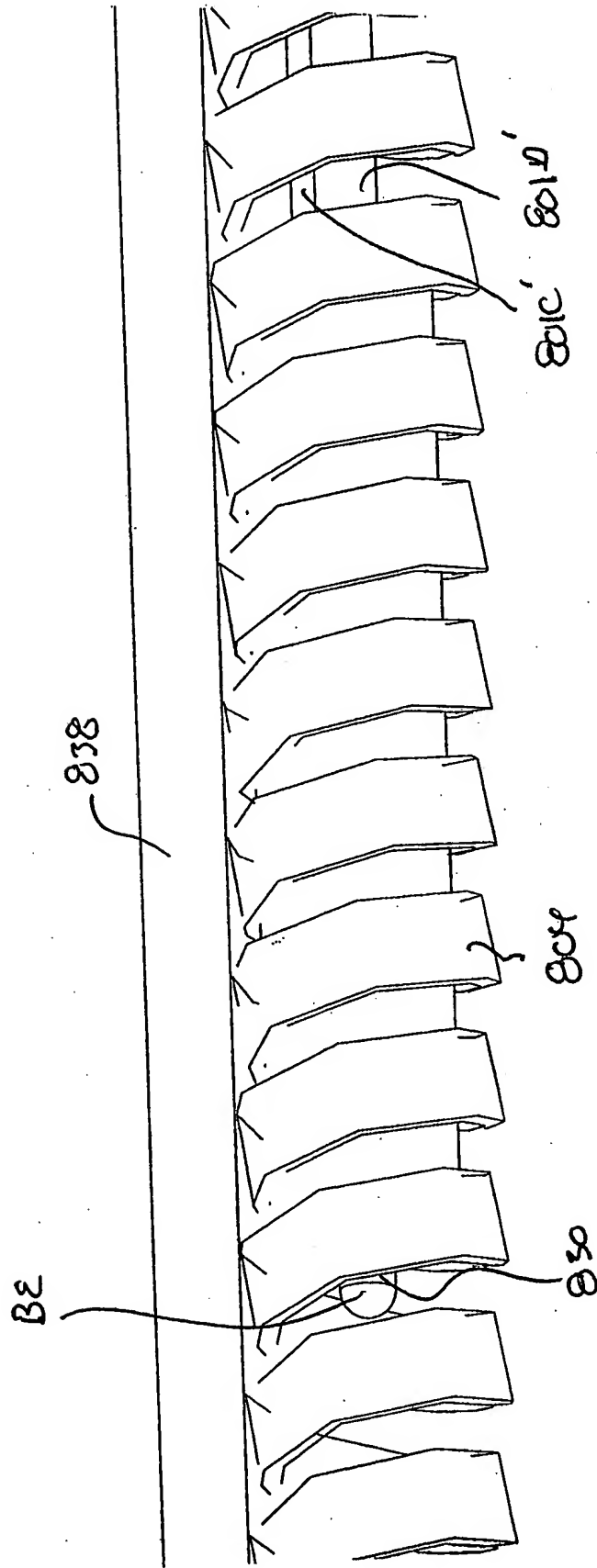


FIG. 106

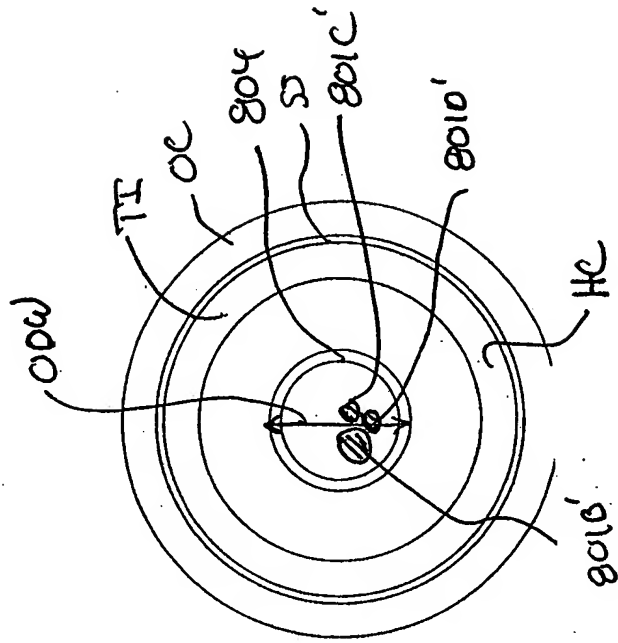
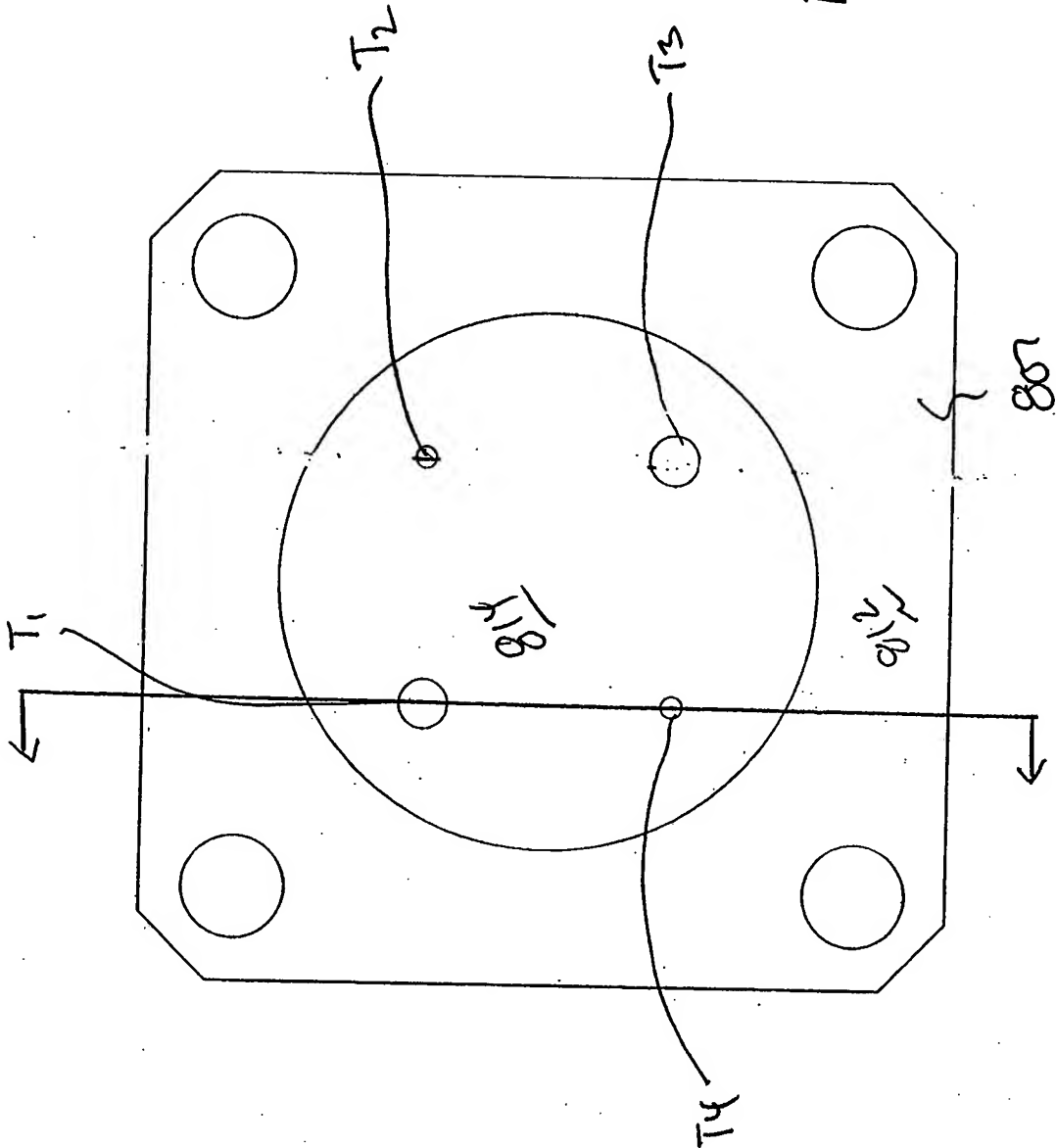


FIG. 107



Replacement Sheet

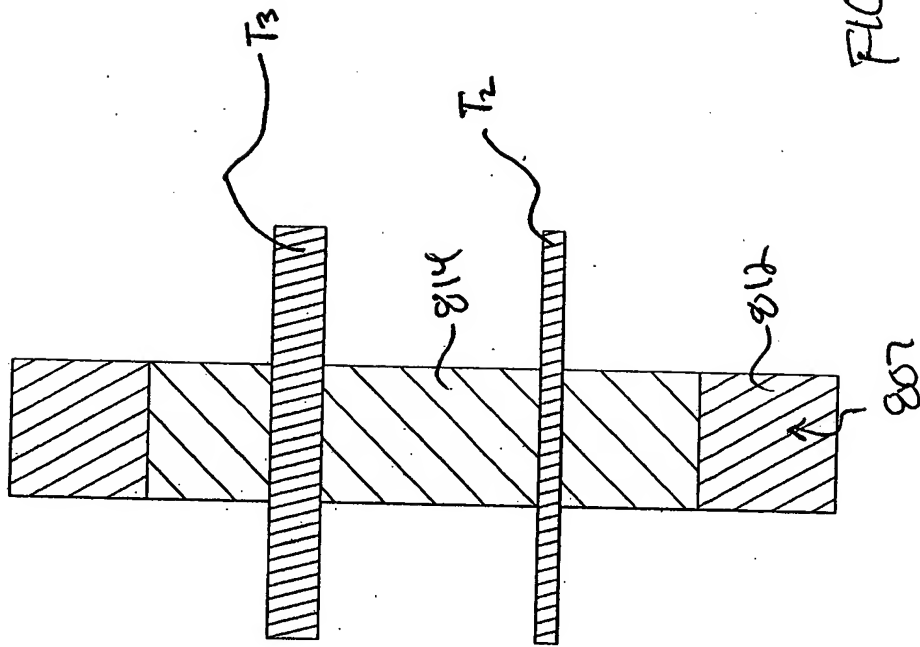


FIG. 108

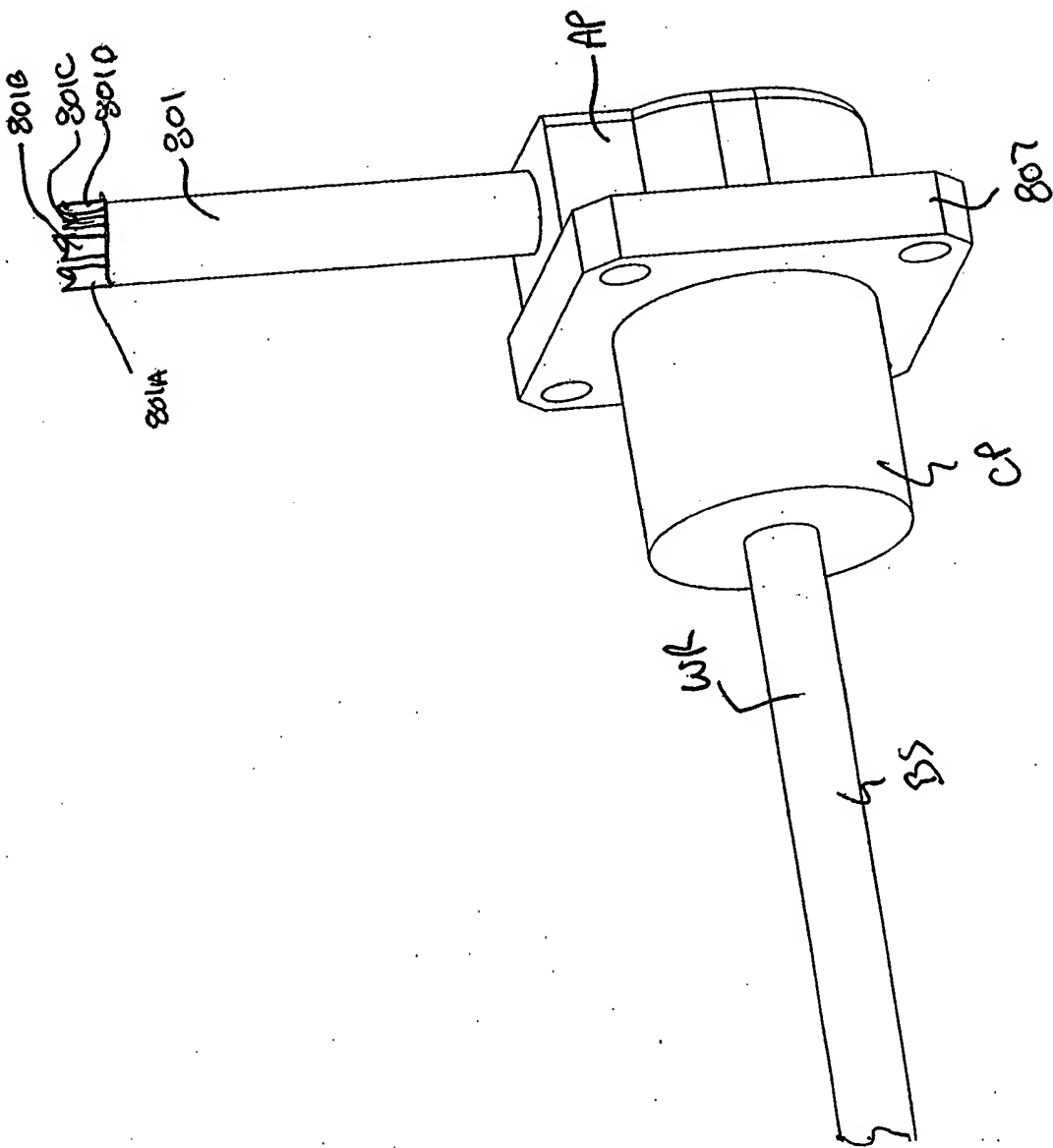
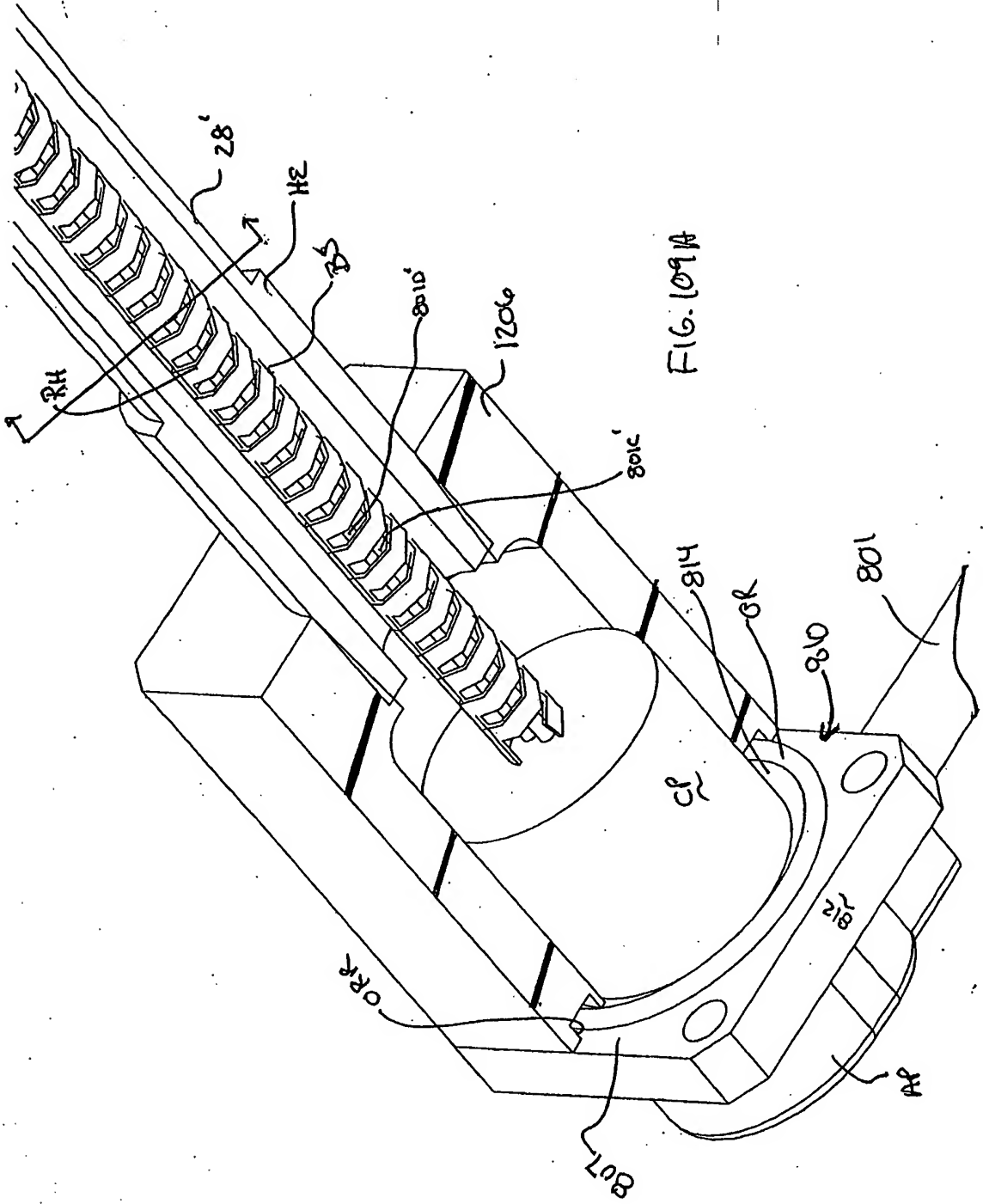
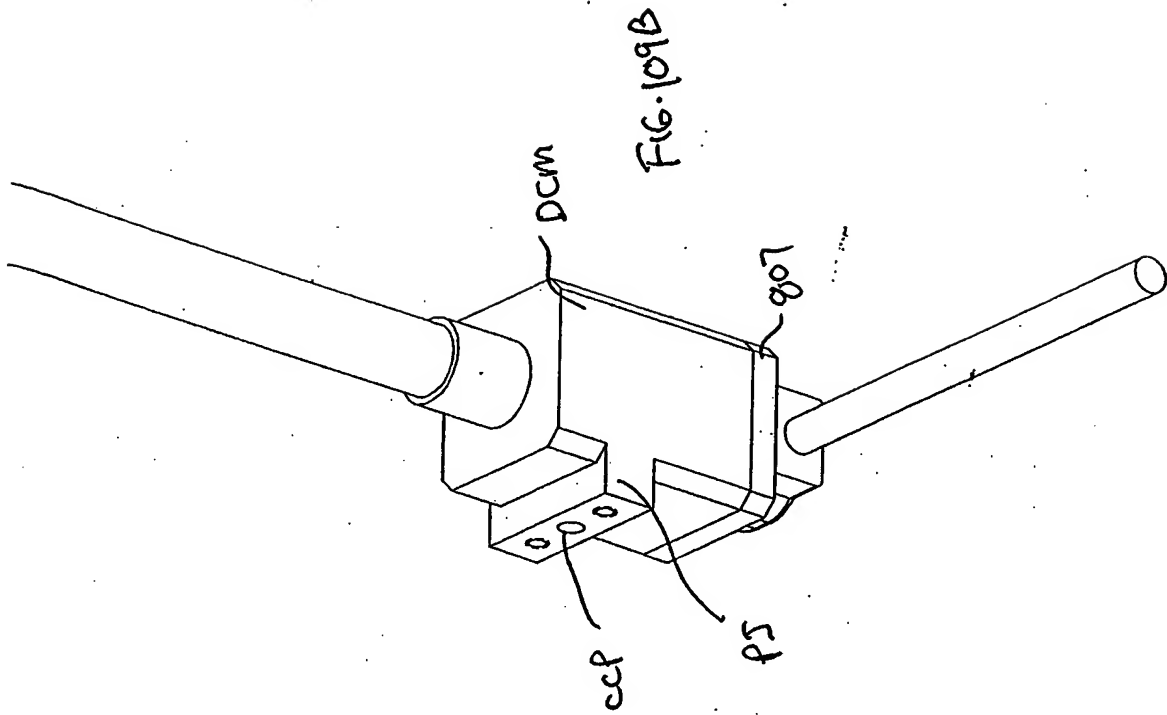


FIG. 109

Replacement Sheet

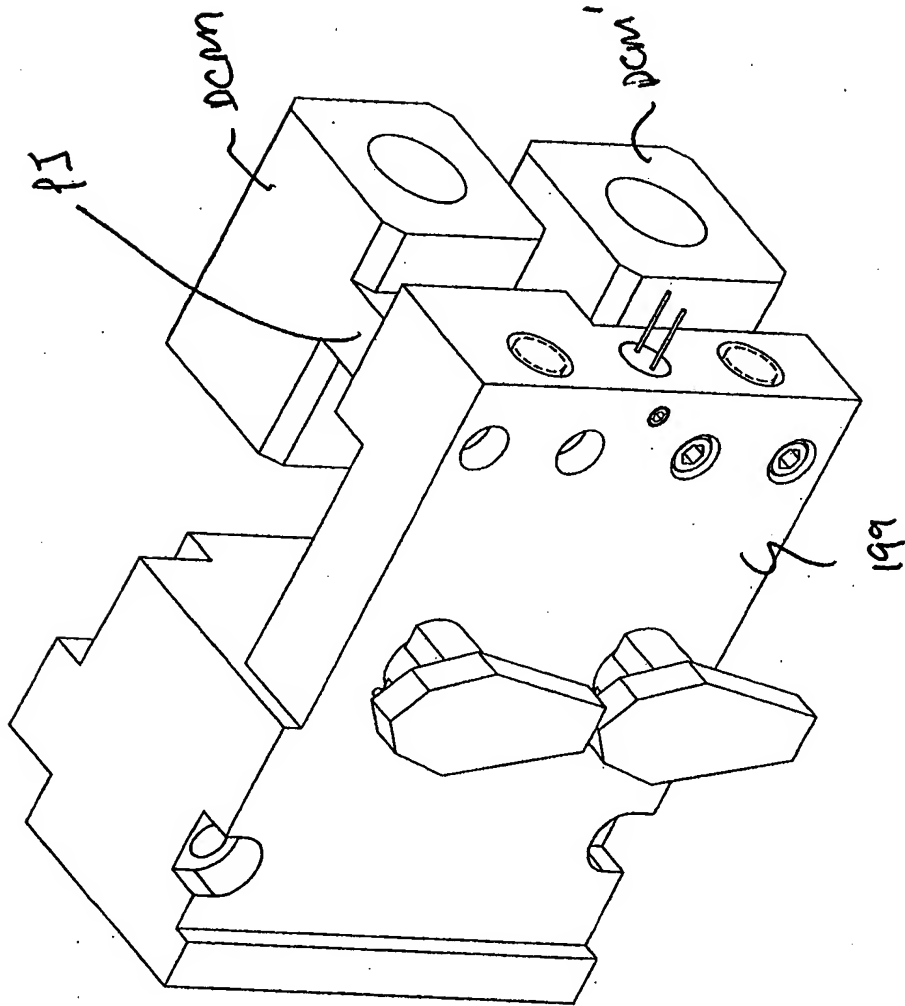


Replacement Sheet



Replacement Sheet

109C



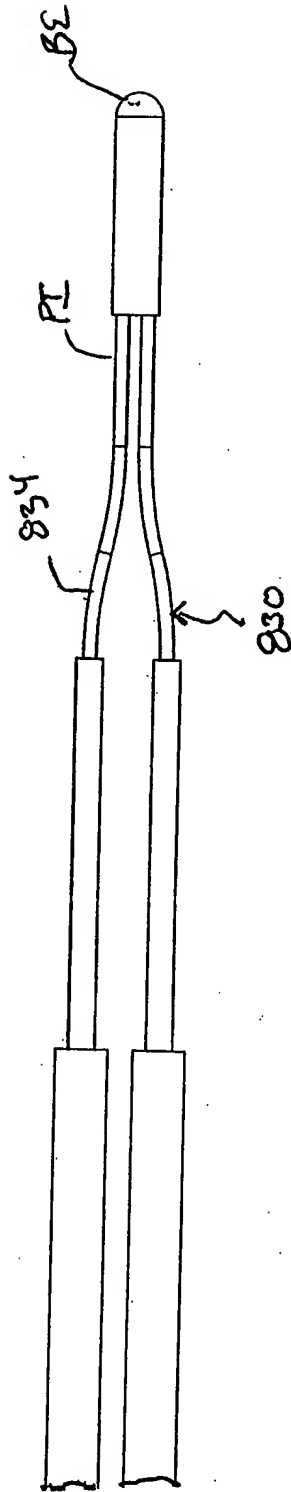


FIG. 110

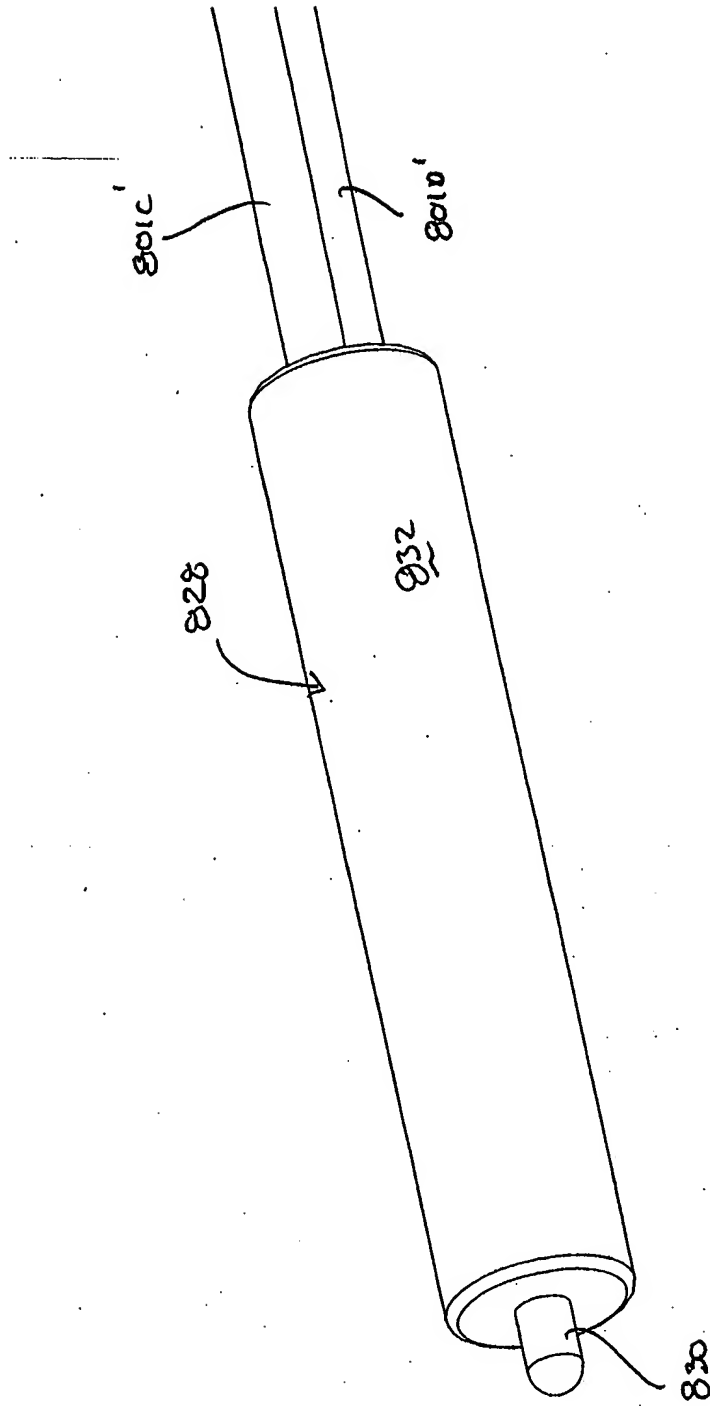


FIG. 110A

Replacement Sheet

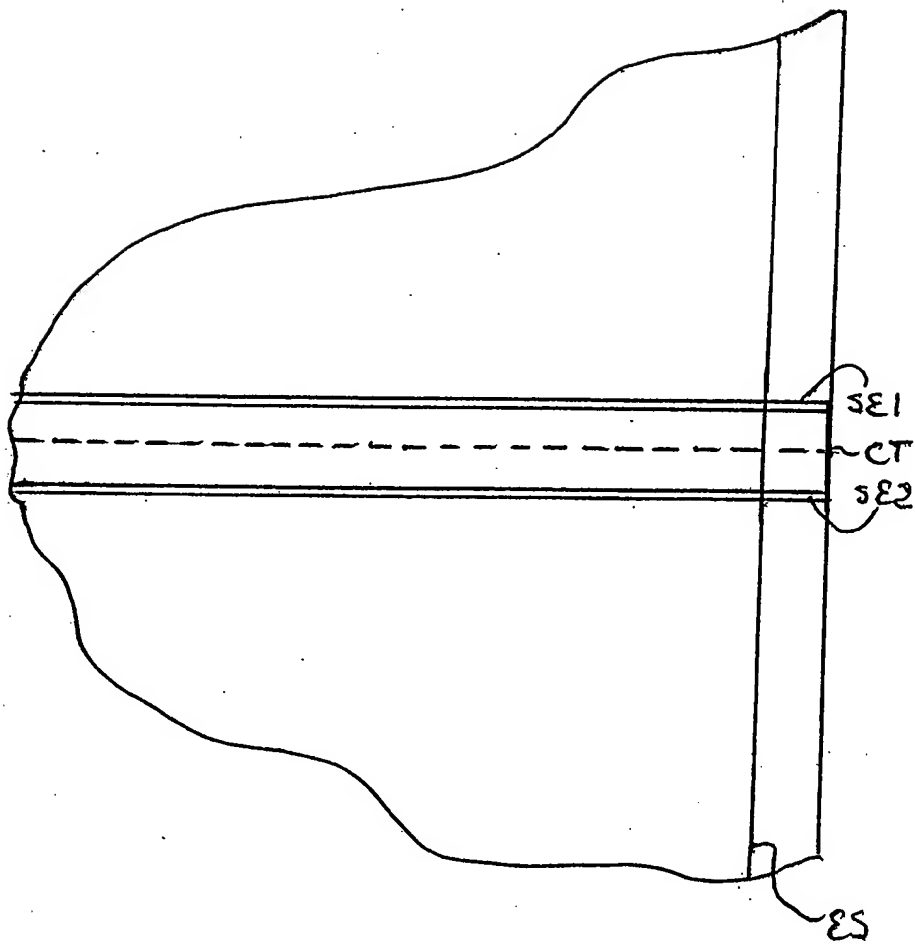


FIG. 111

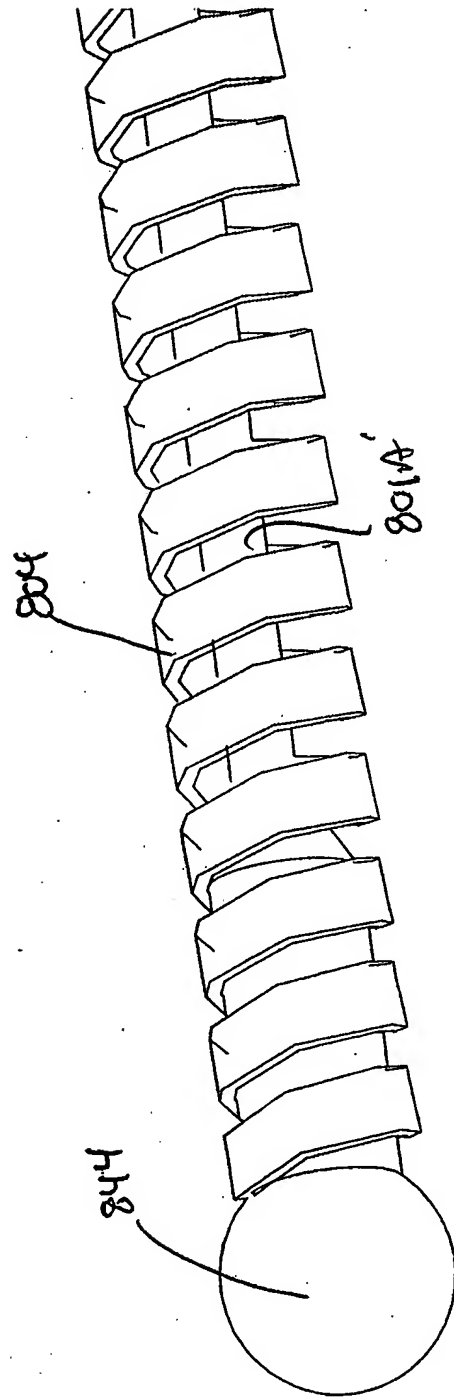


FIG. 112

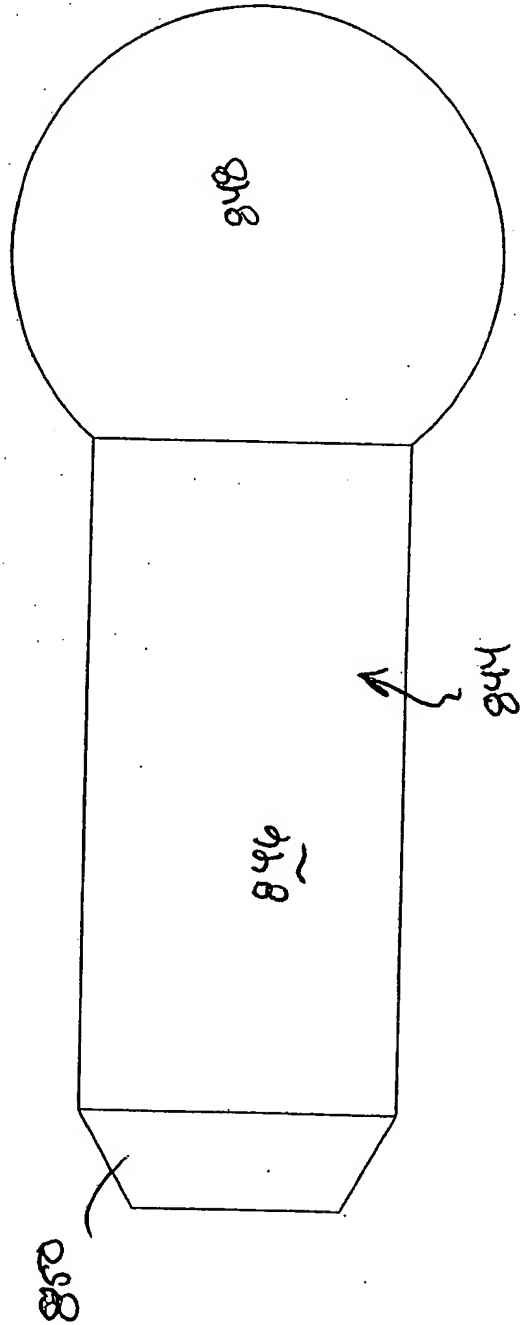


FIG. 113

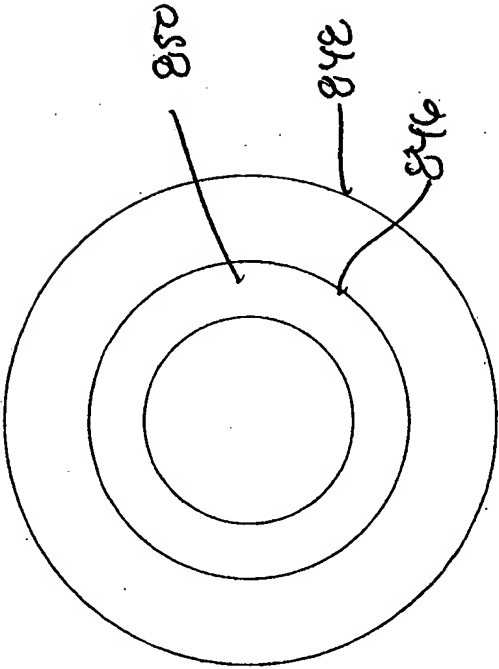


FIG. 113A

Replacement Sheet

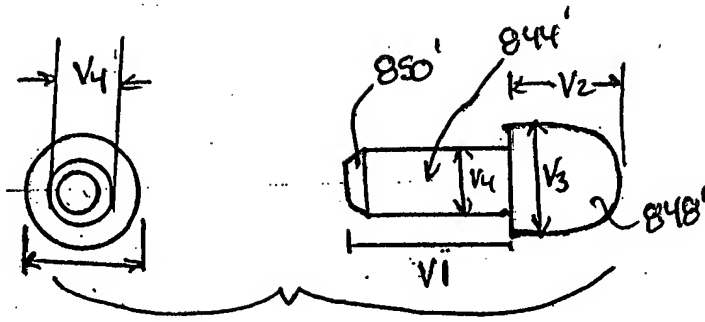


FIG. 114

FIG. 115

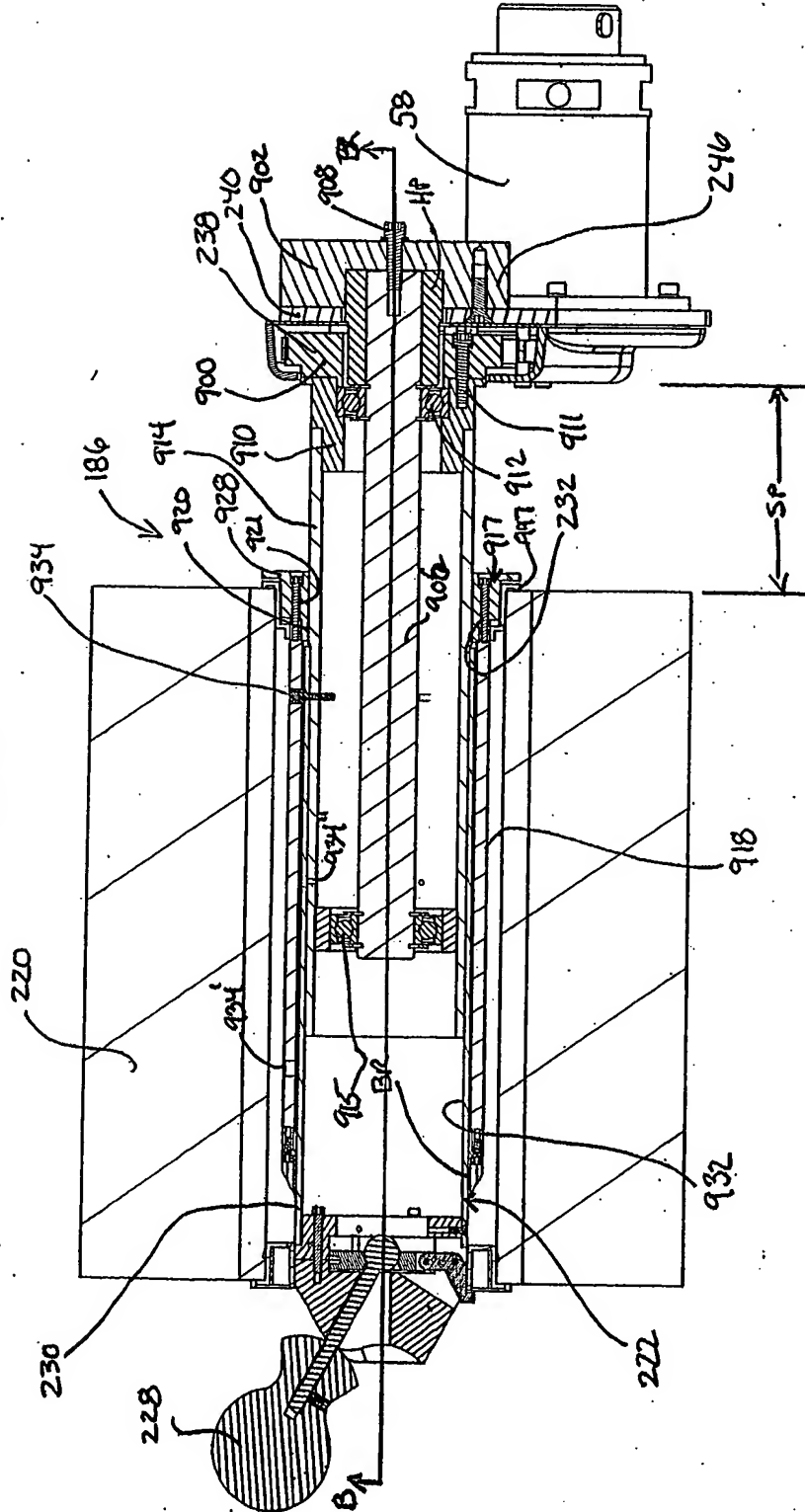
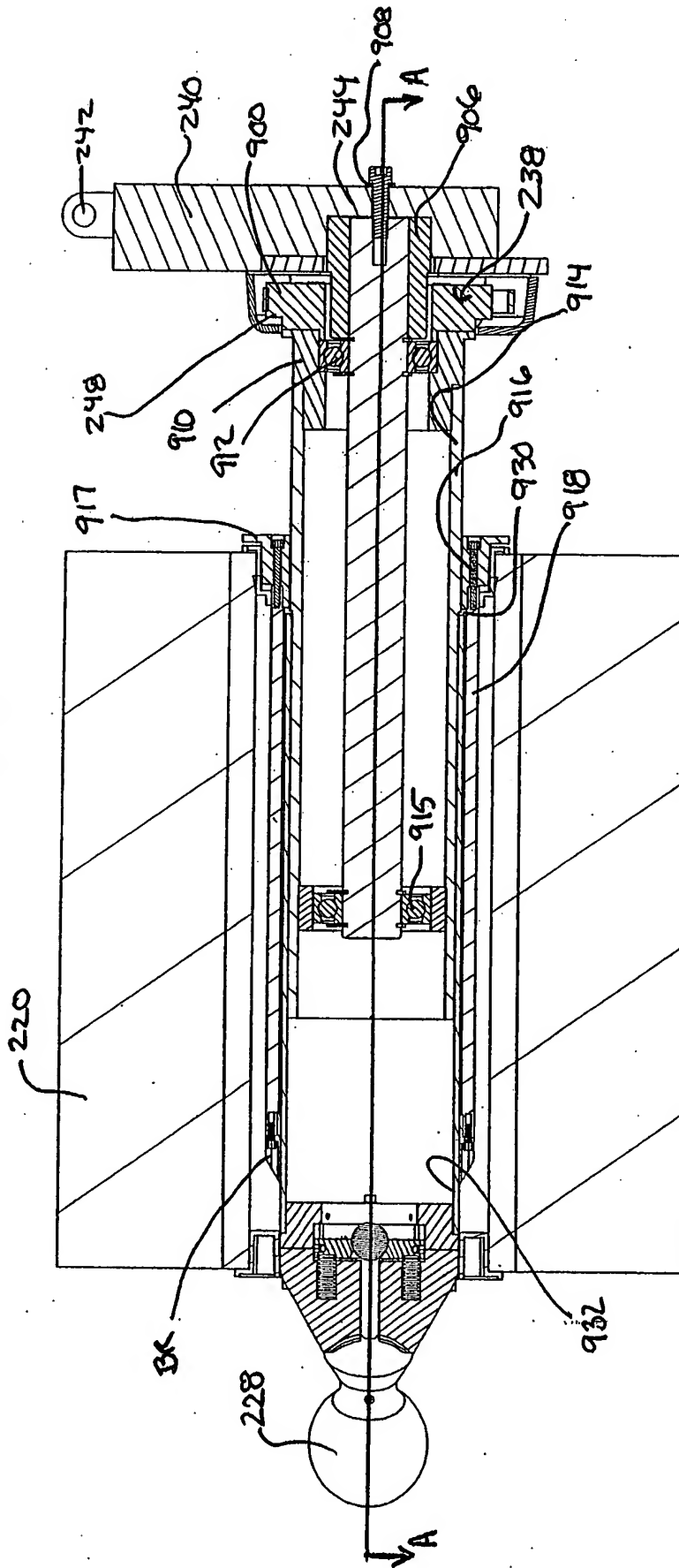
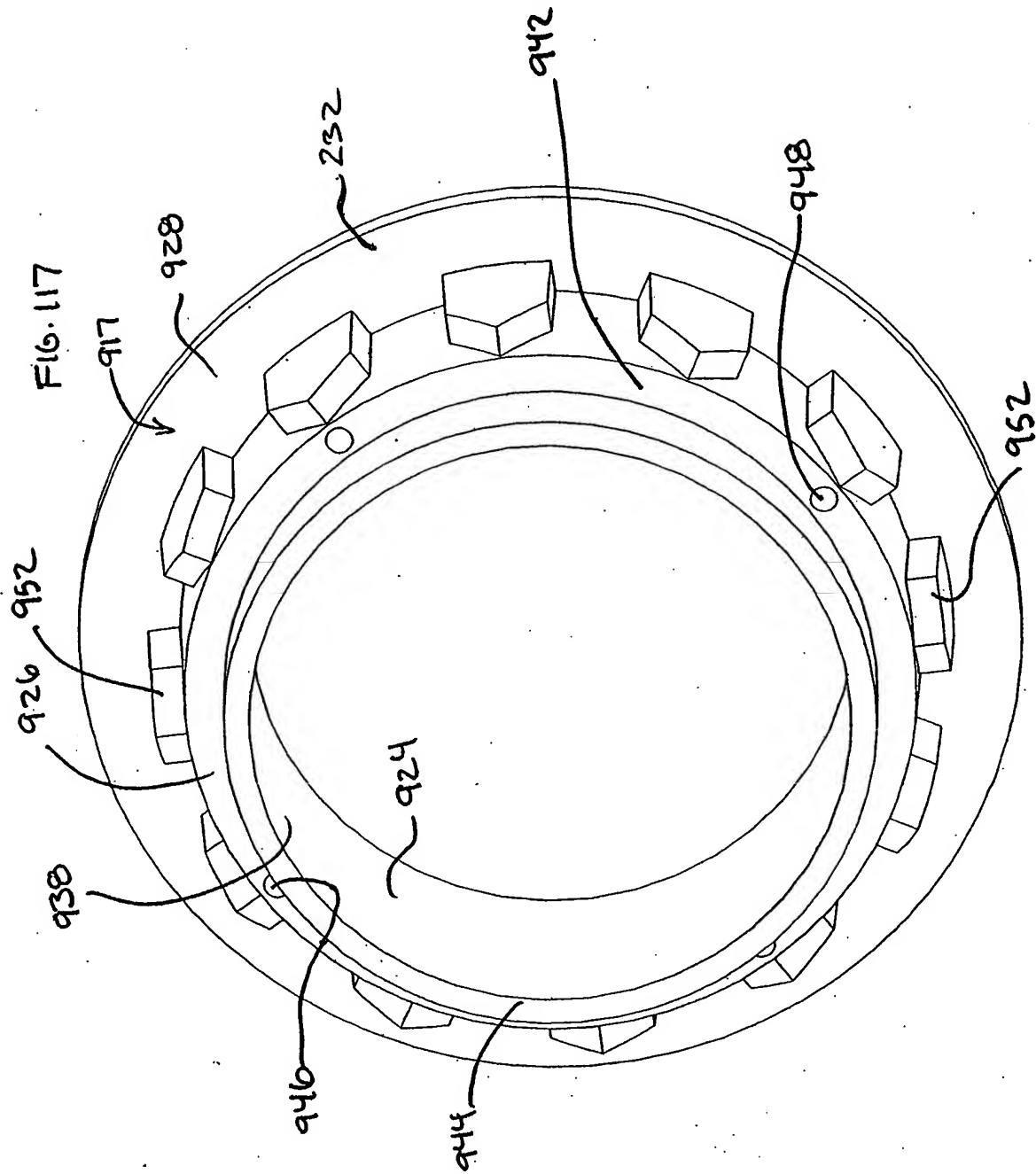


FIG. 116



Replacement Sheet



Replacement Sheet

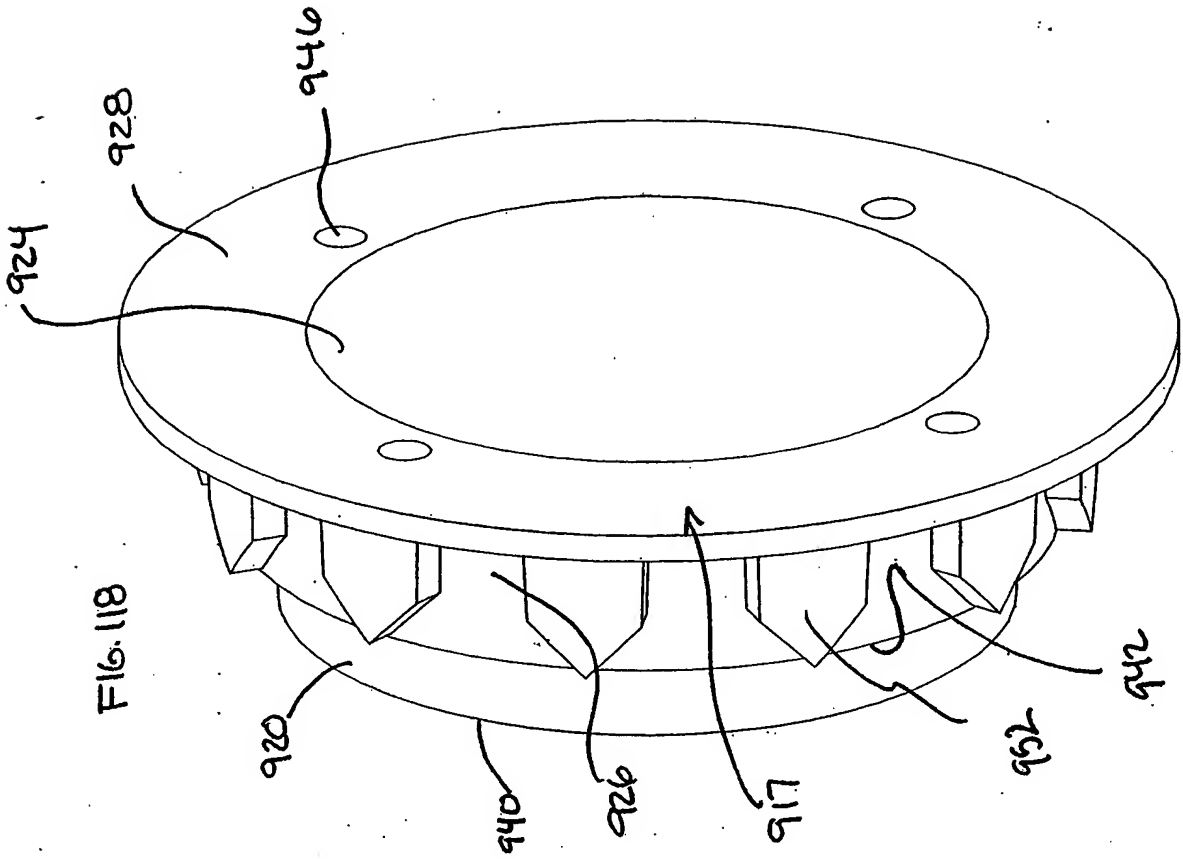
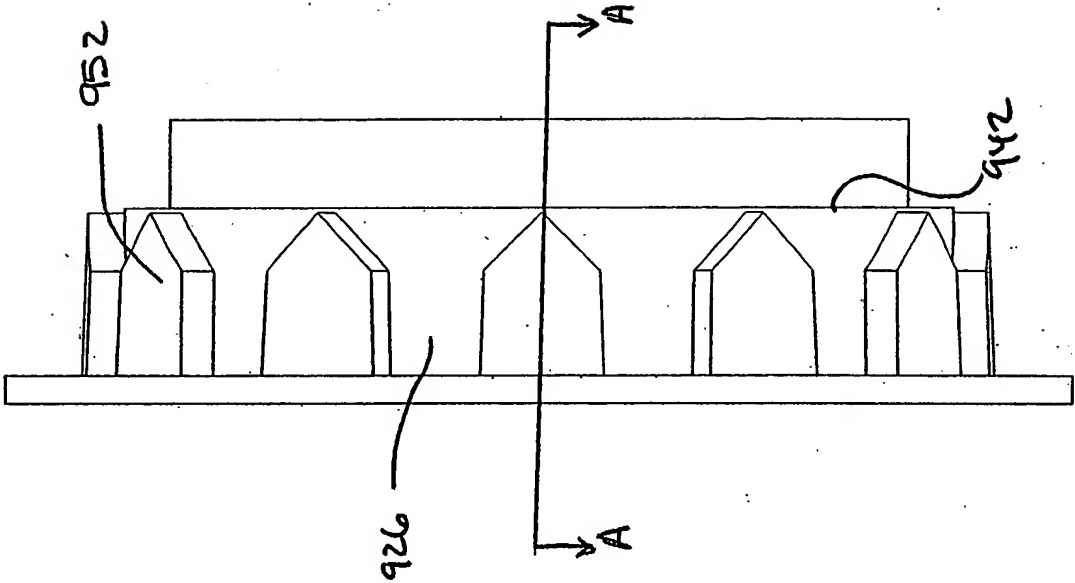
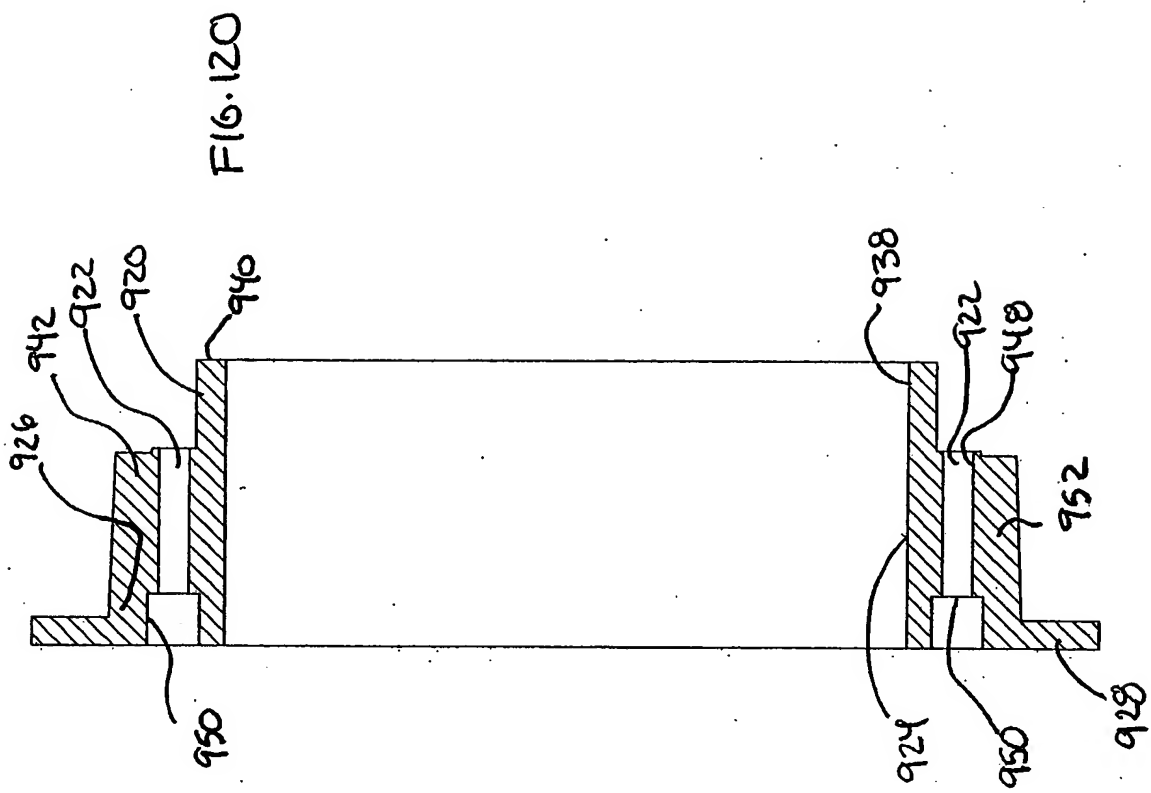
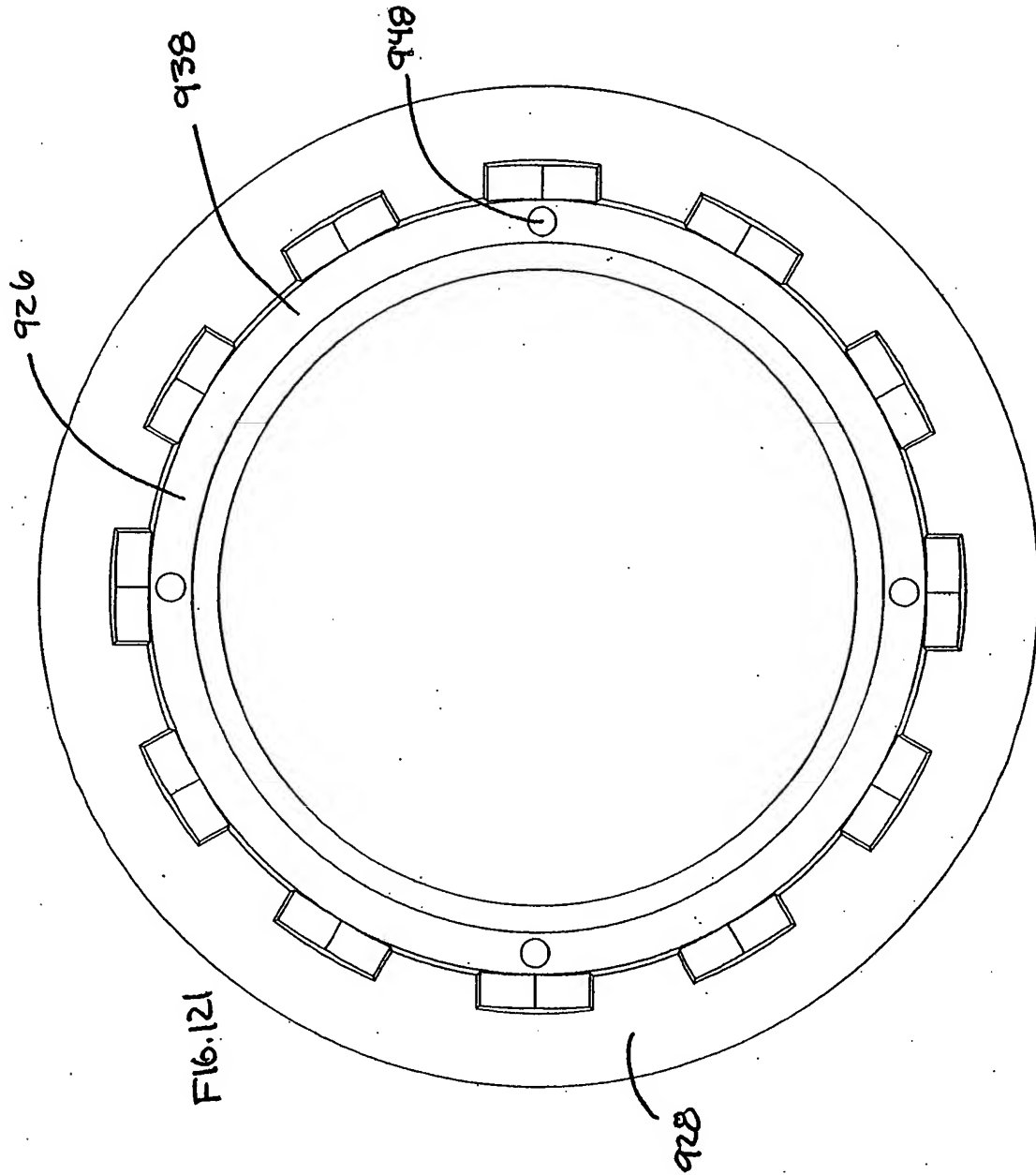


FIG. 119





Replacement Sheet



Replacement Sheet

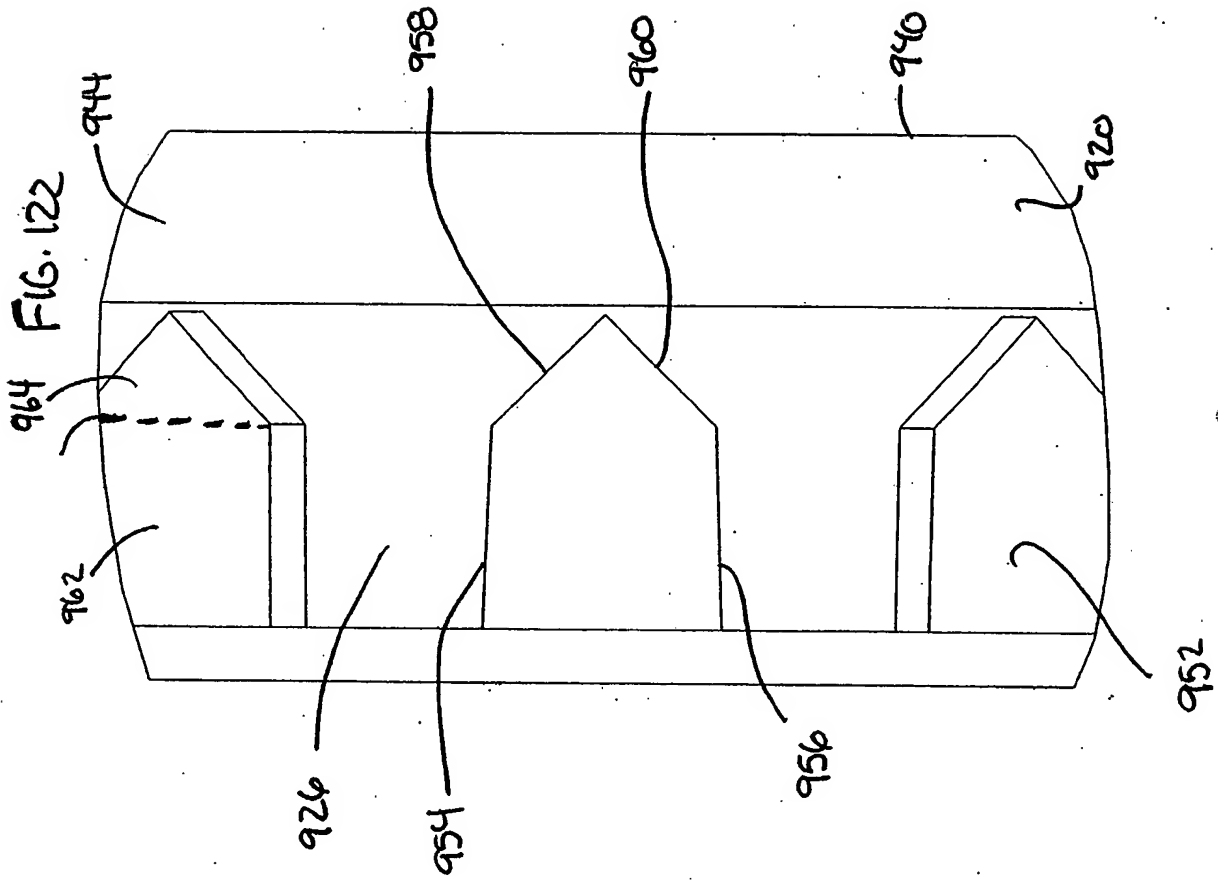
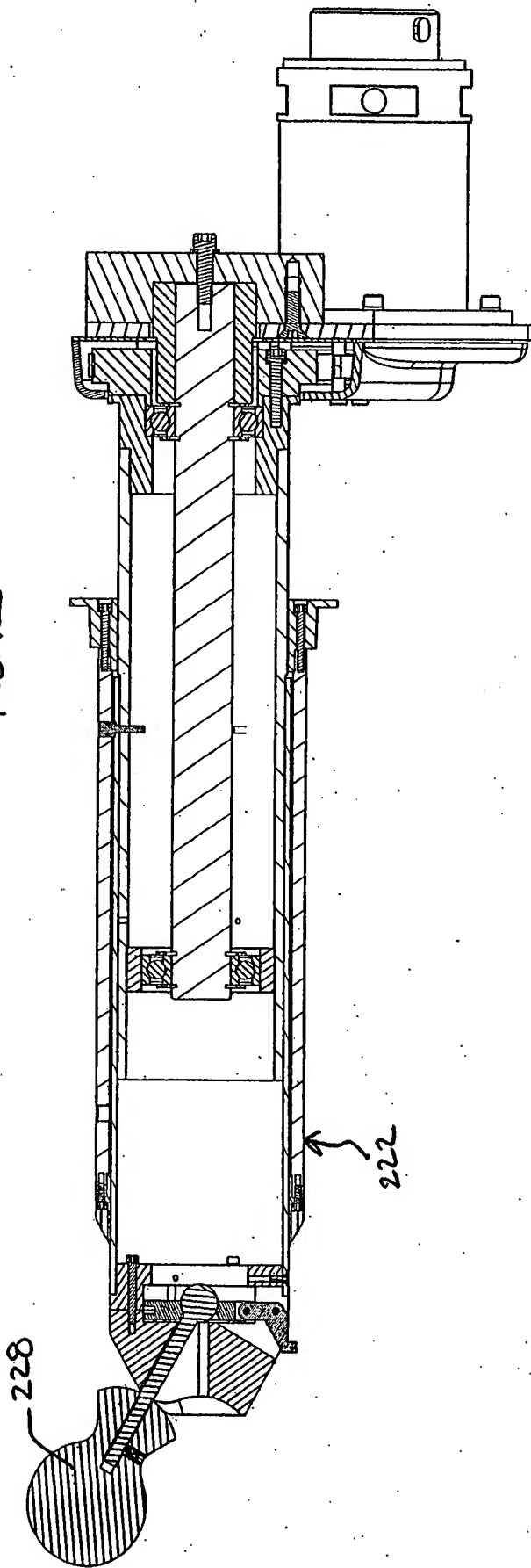


FIG. 123



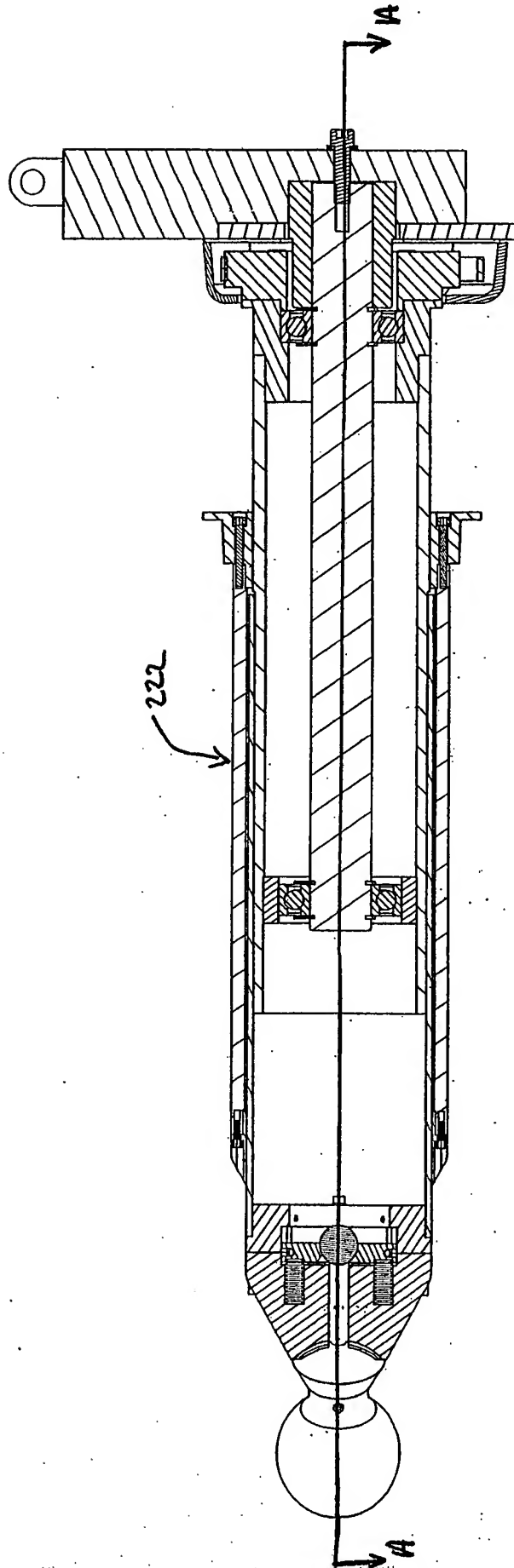
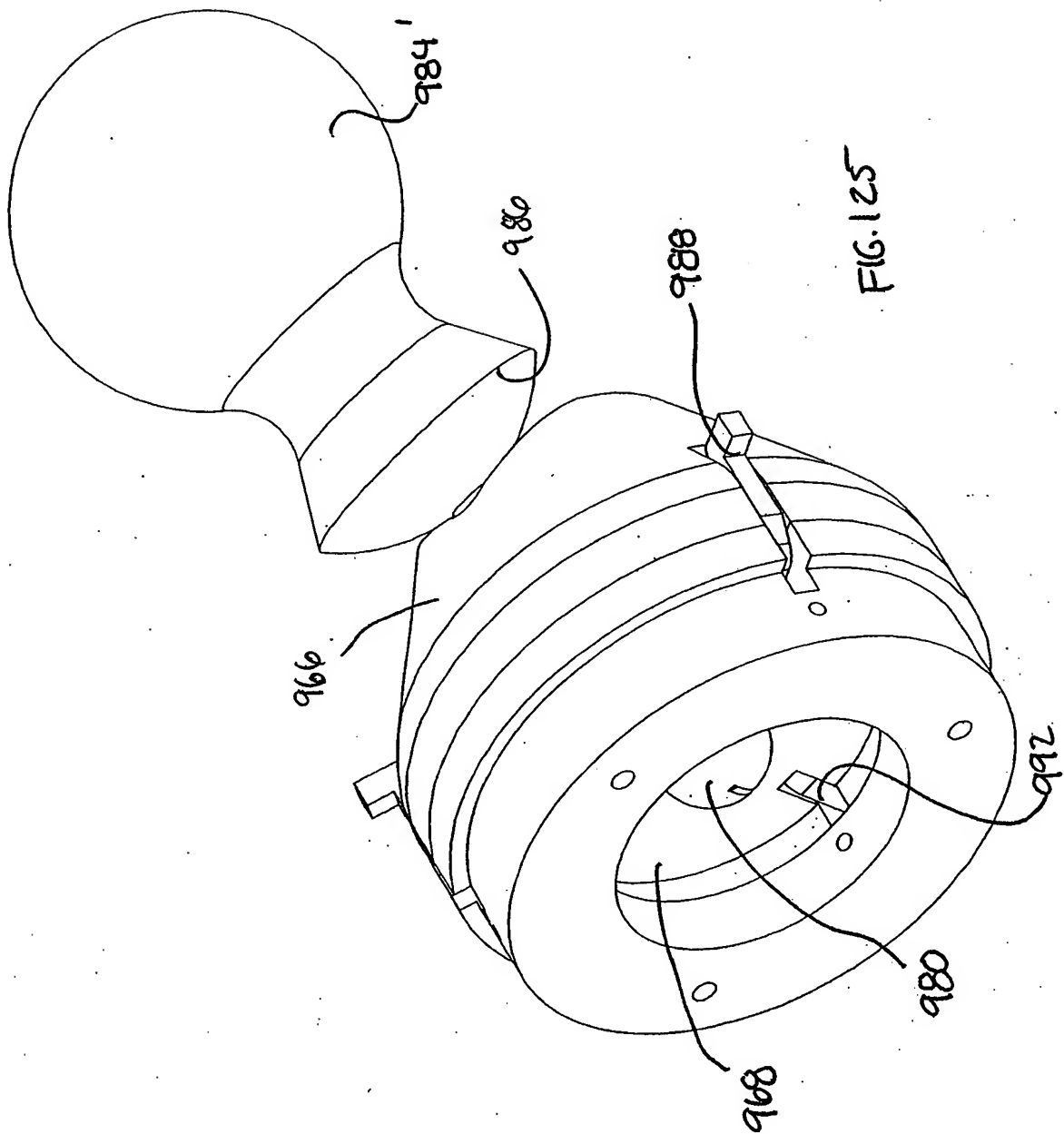
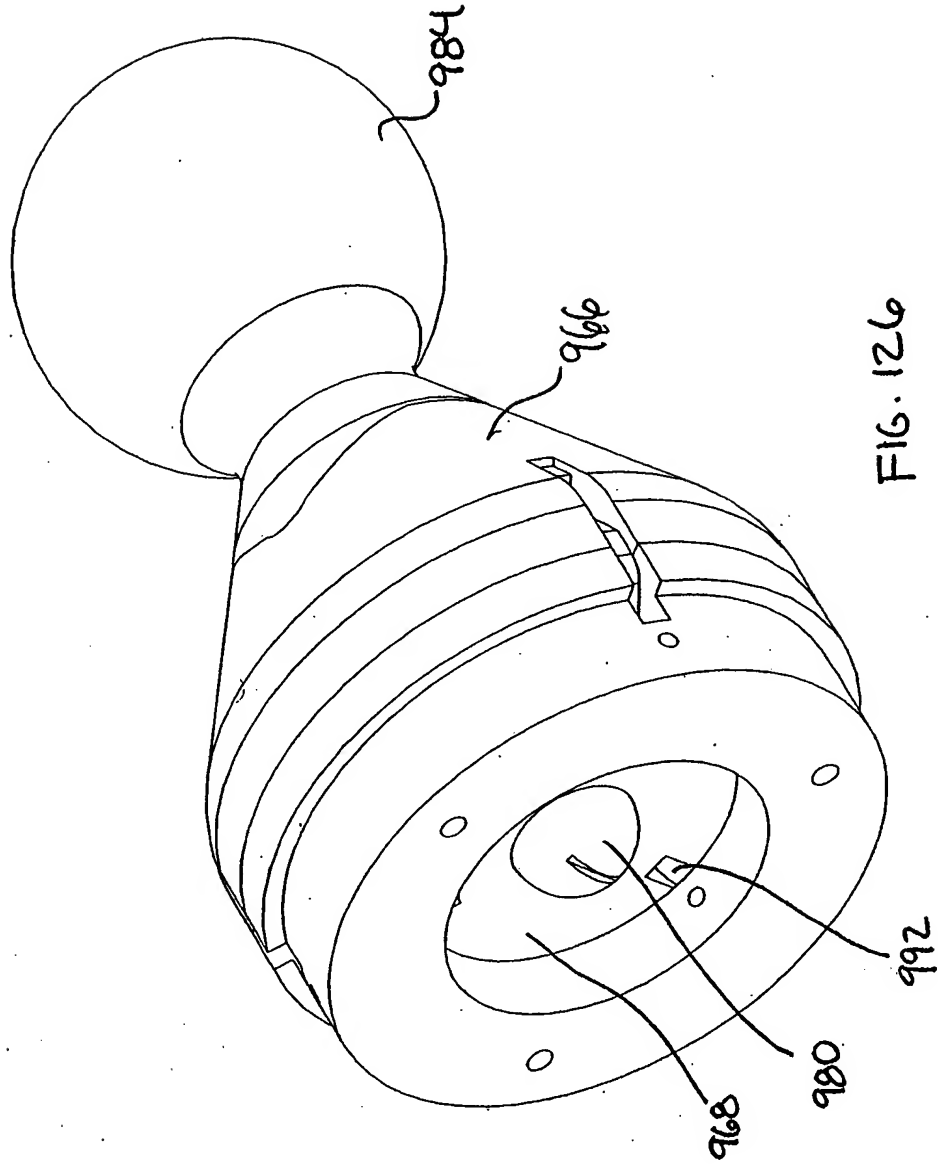


FIG. 124





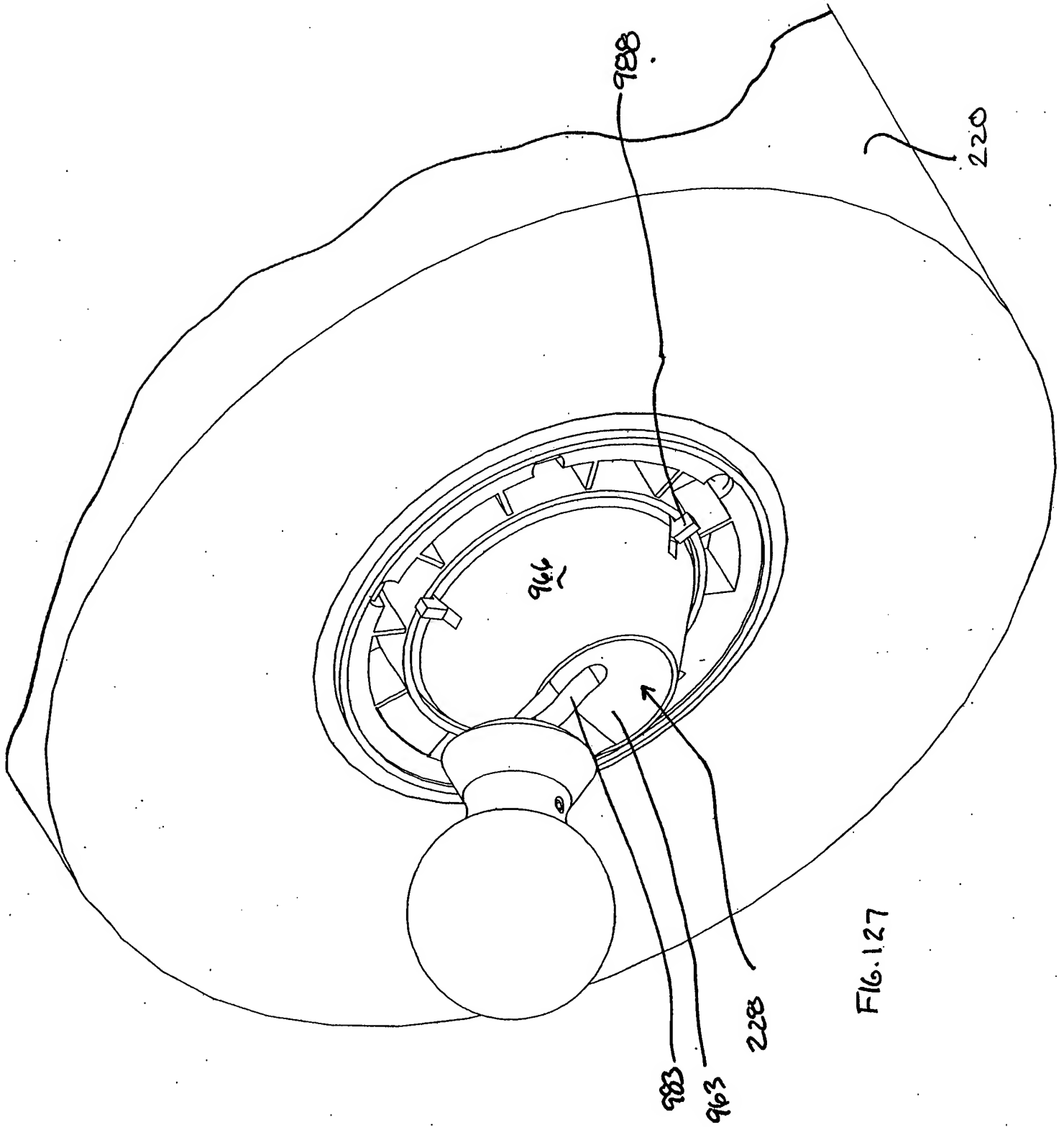
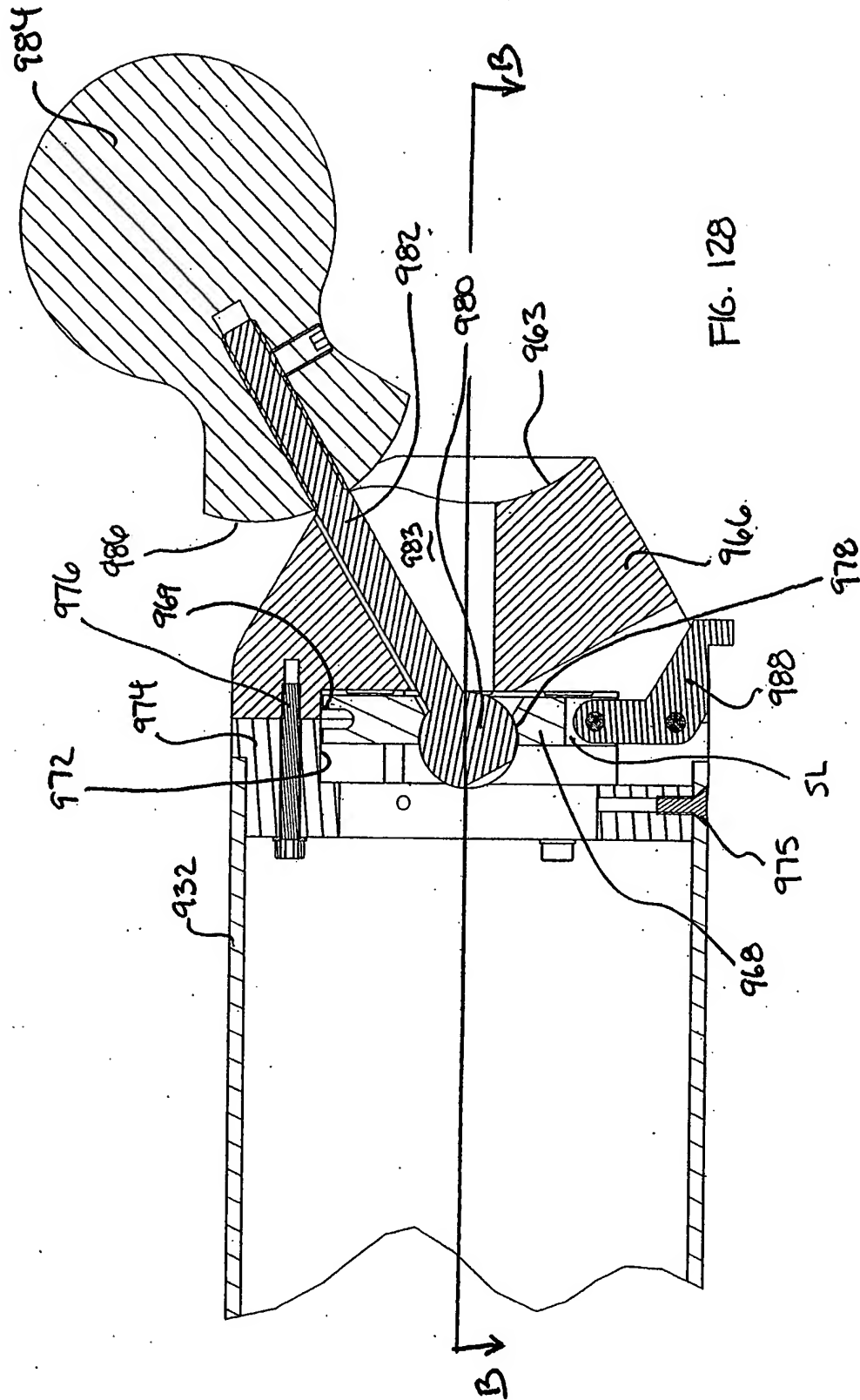
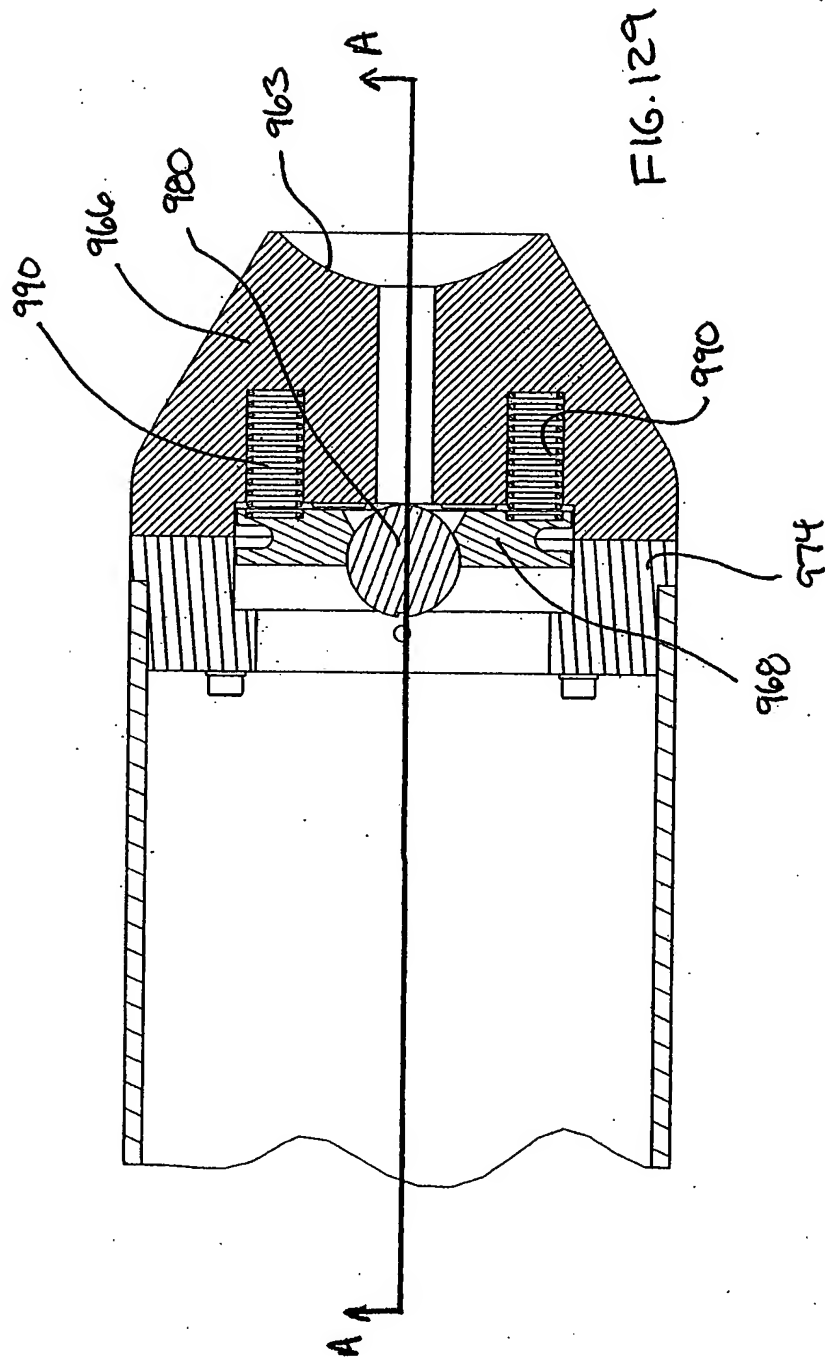


FIG. 127





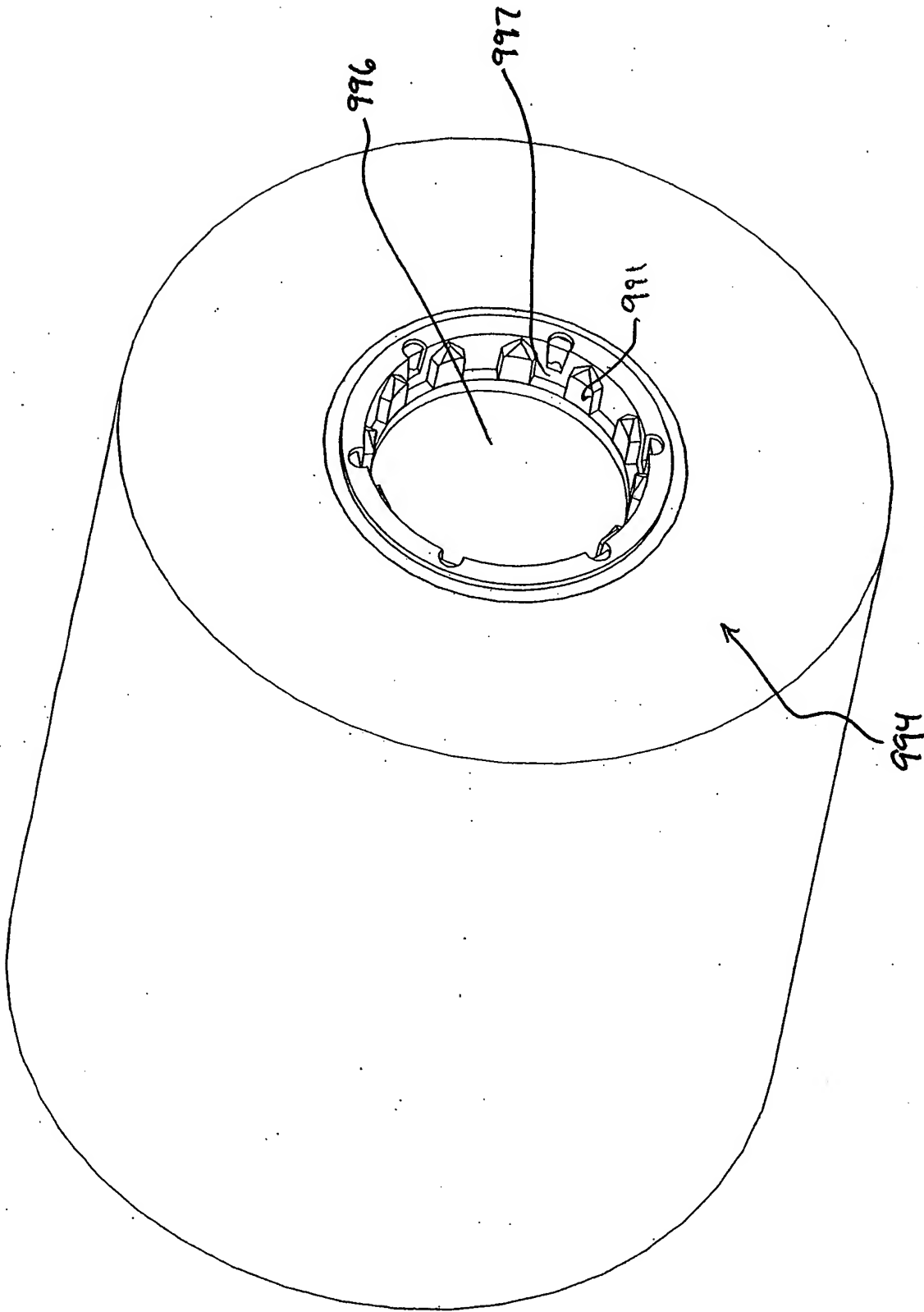
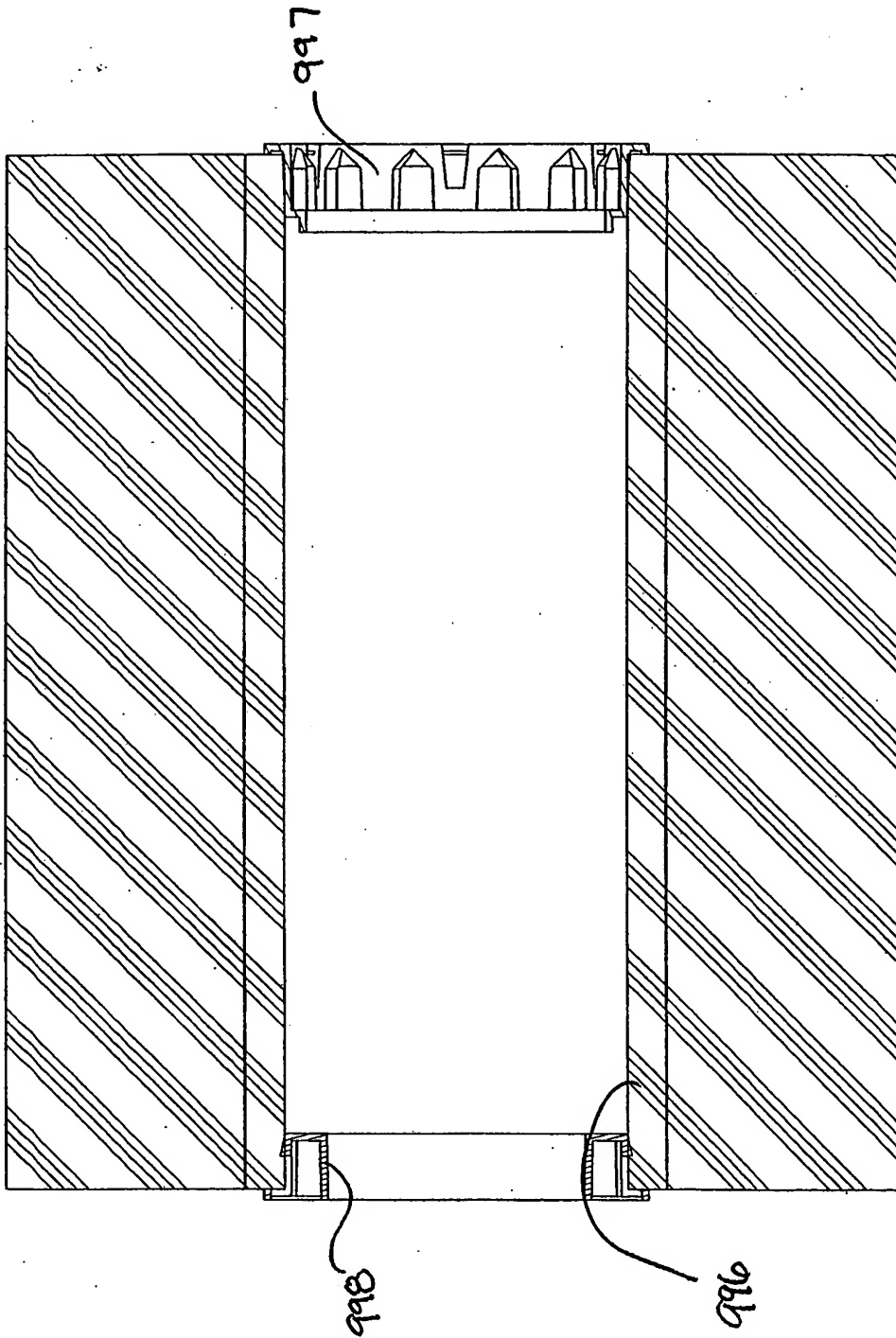


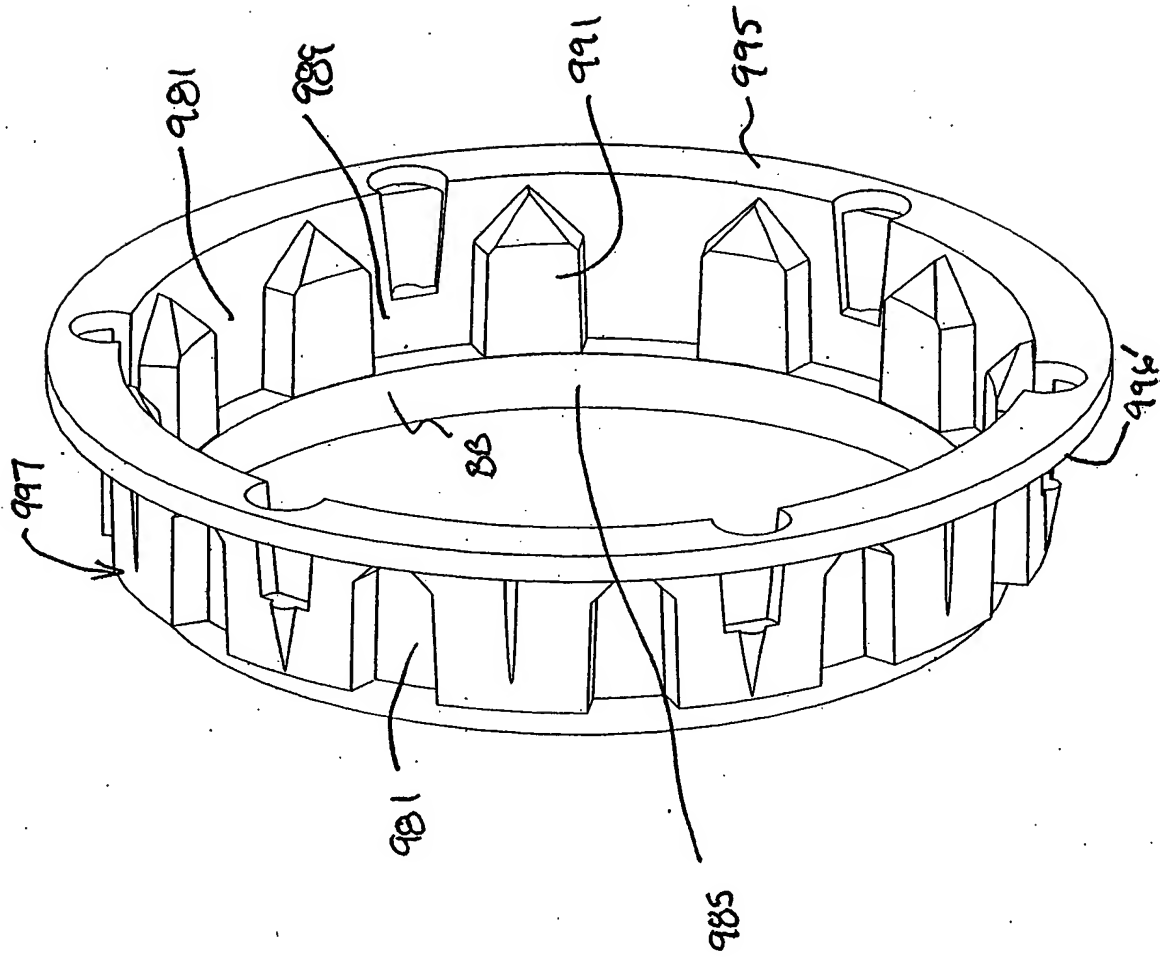
FIG. 130

FIG. 131



Replacement Sheet

FIG. 132



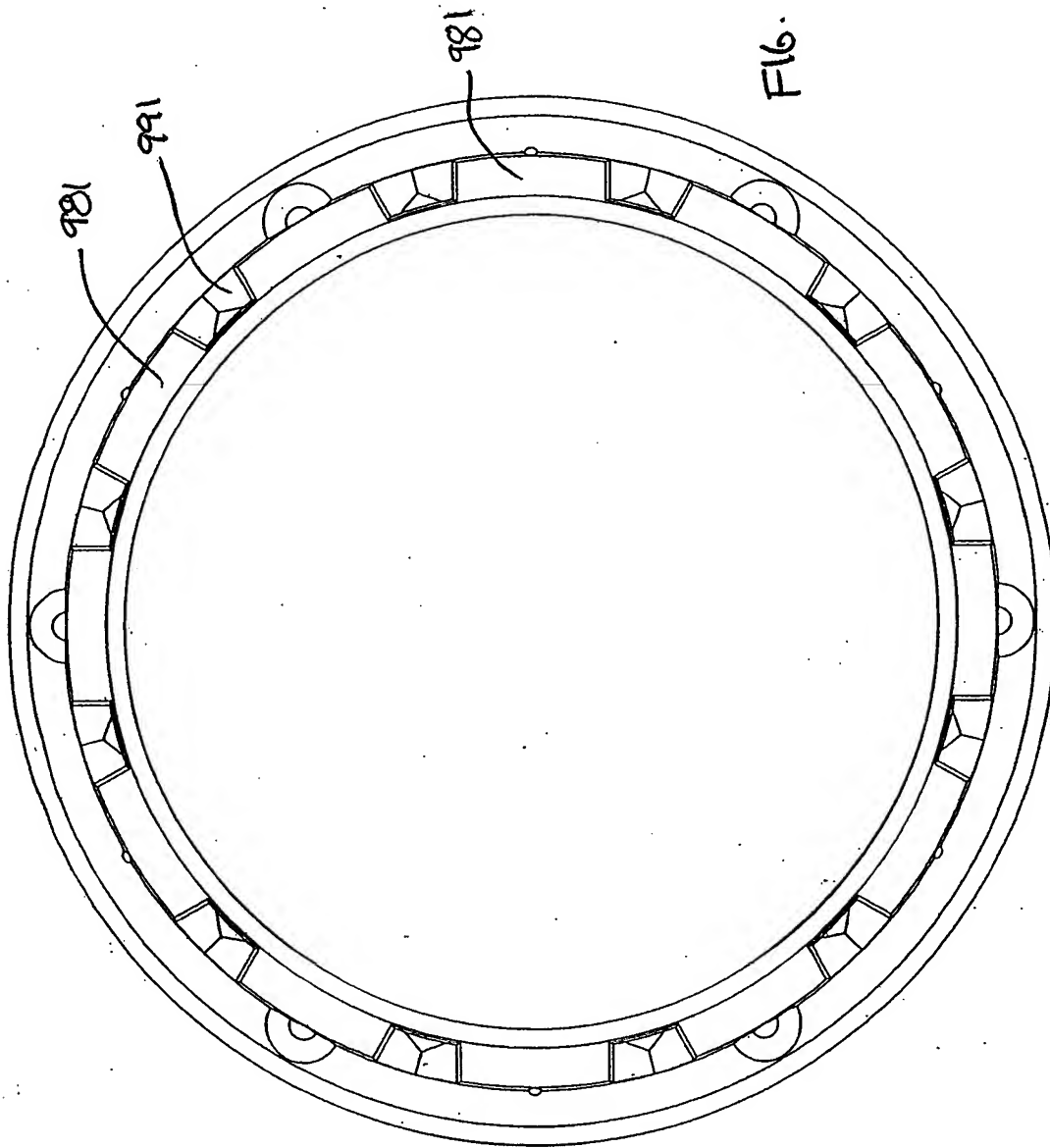
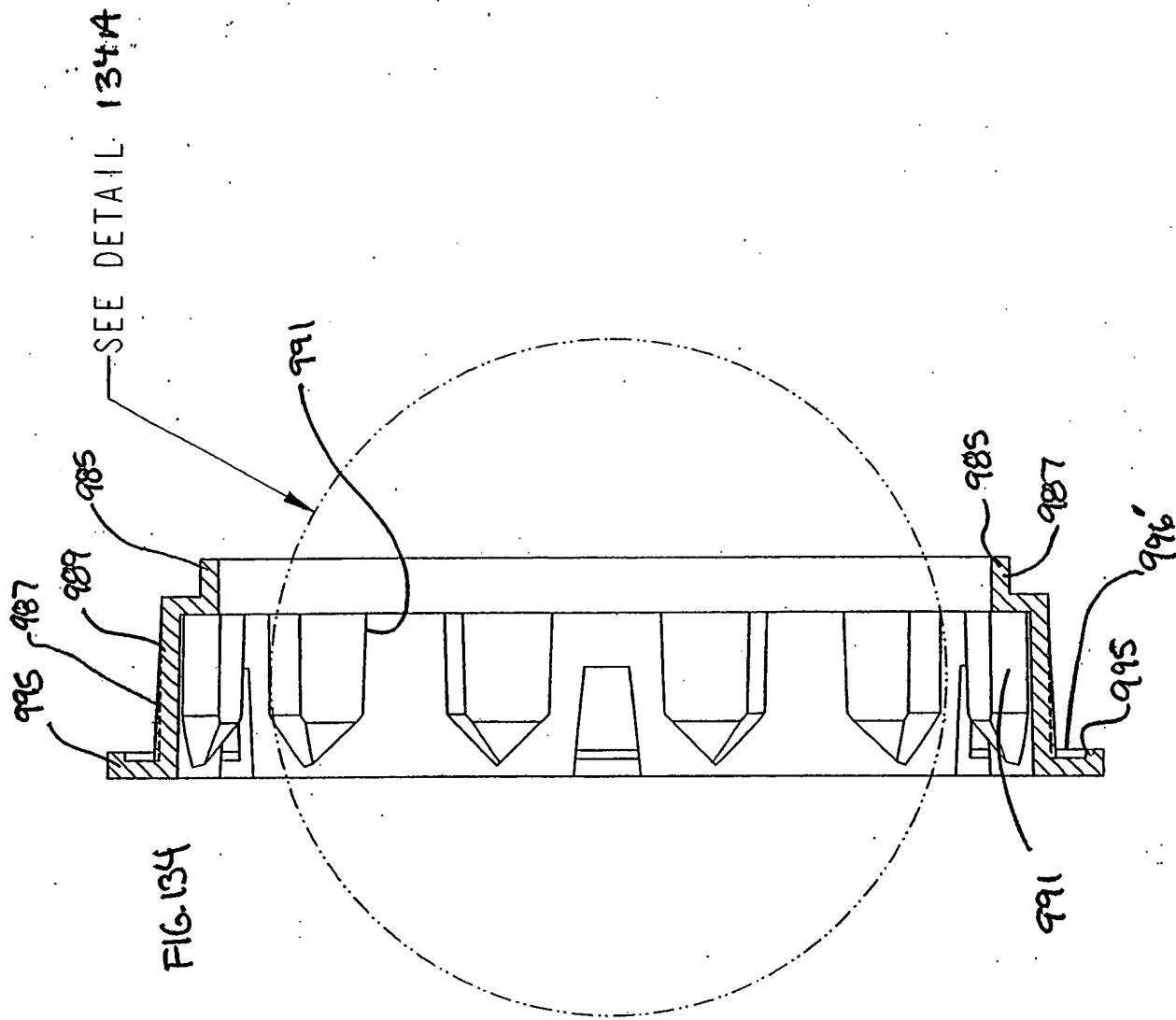


FIG. 133



Replacement Sheet

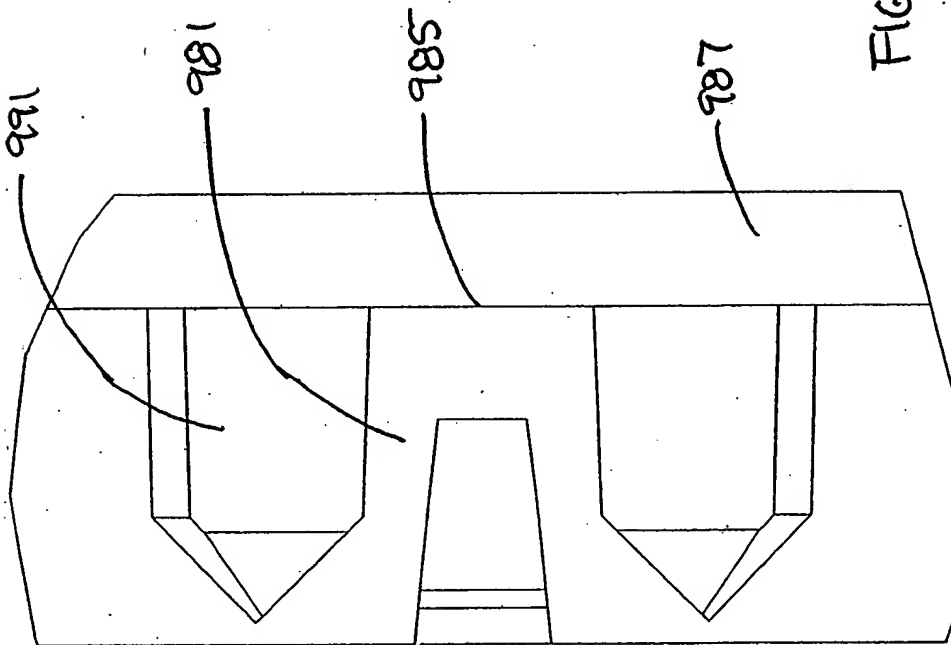
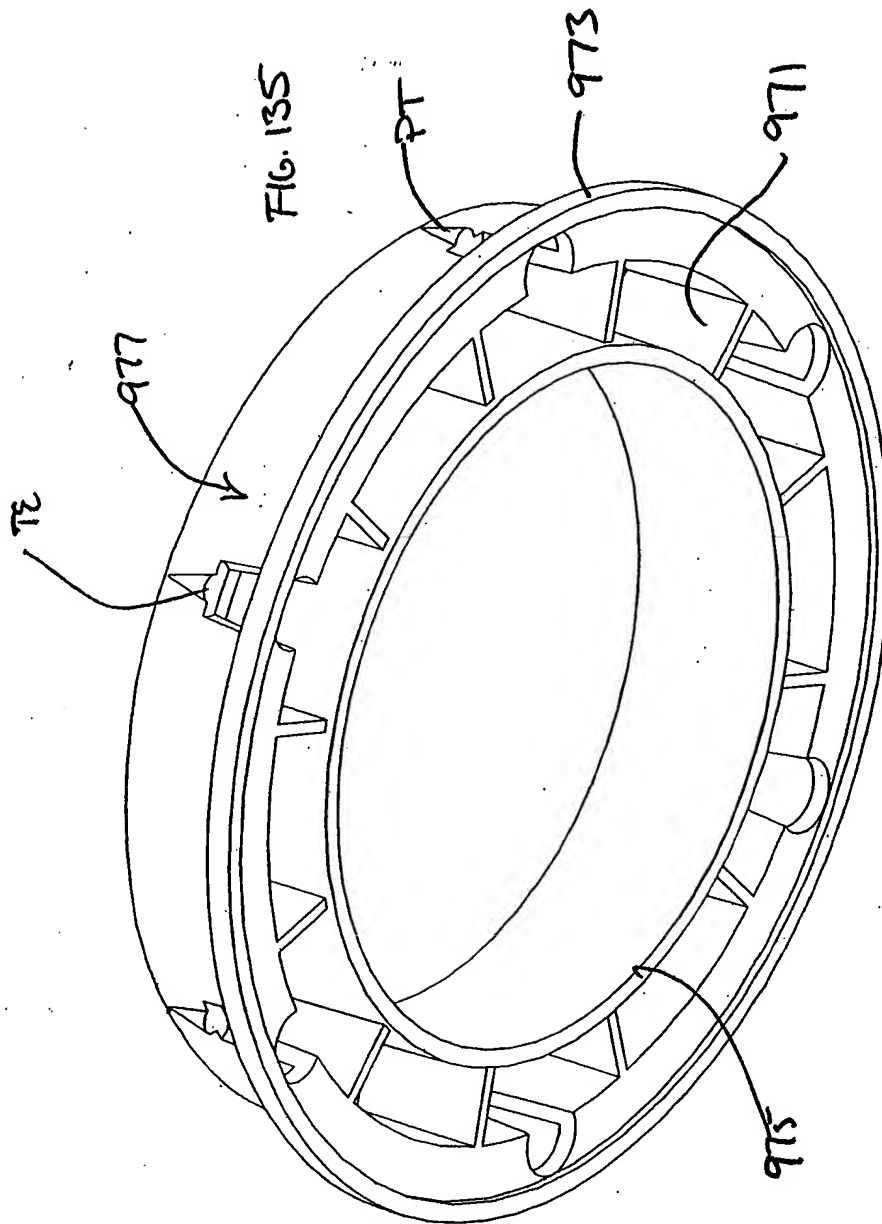


FIG. 134A

Replacement Sheet



Replacement Sheet

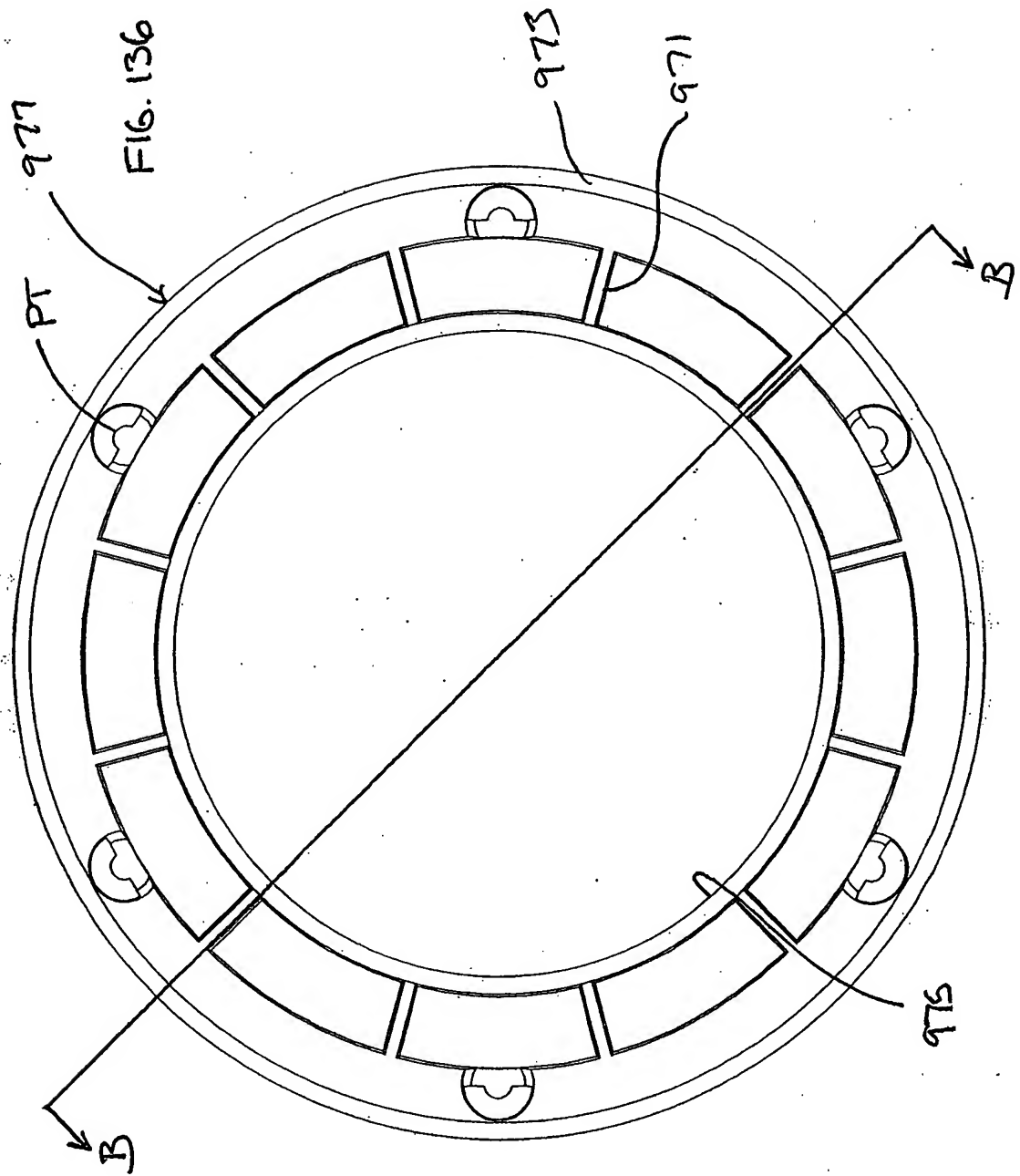
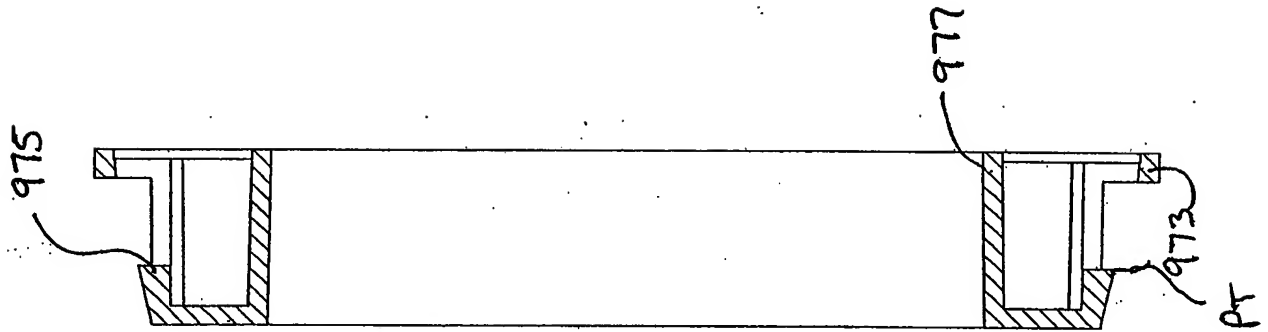
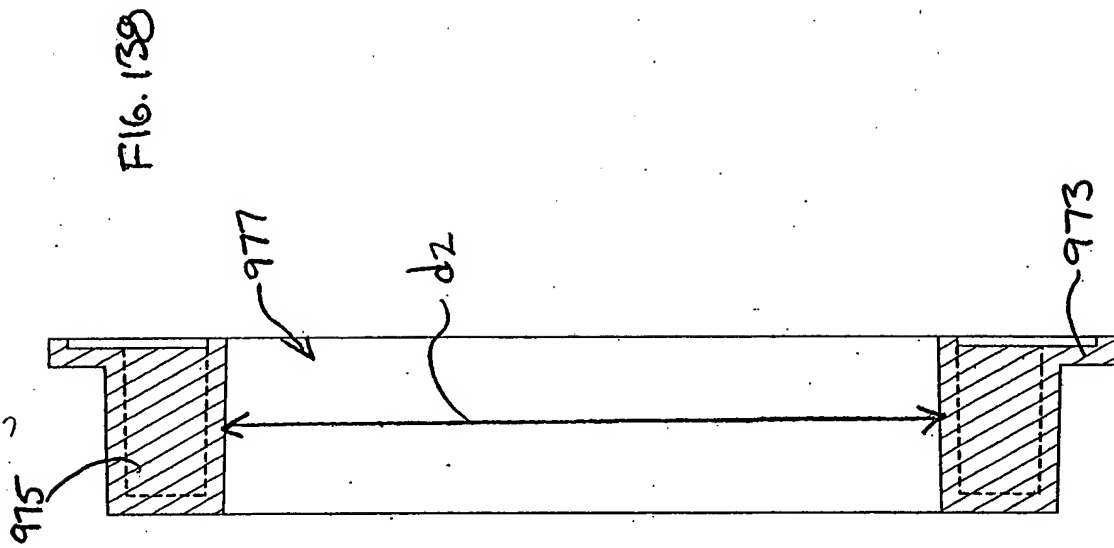
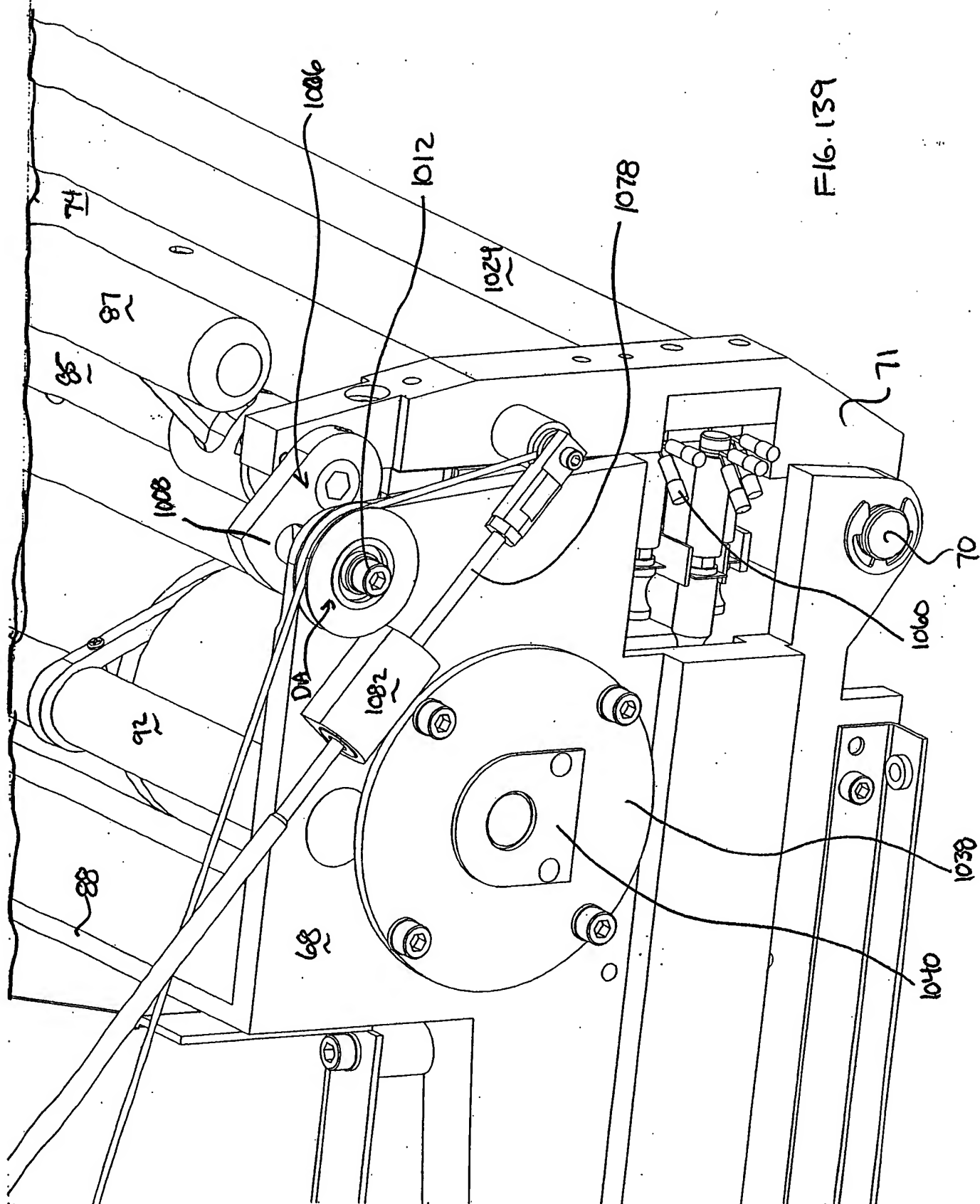


FIG. 137

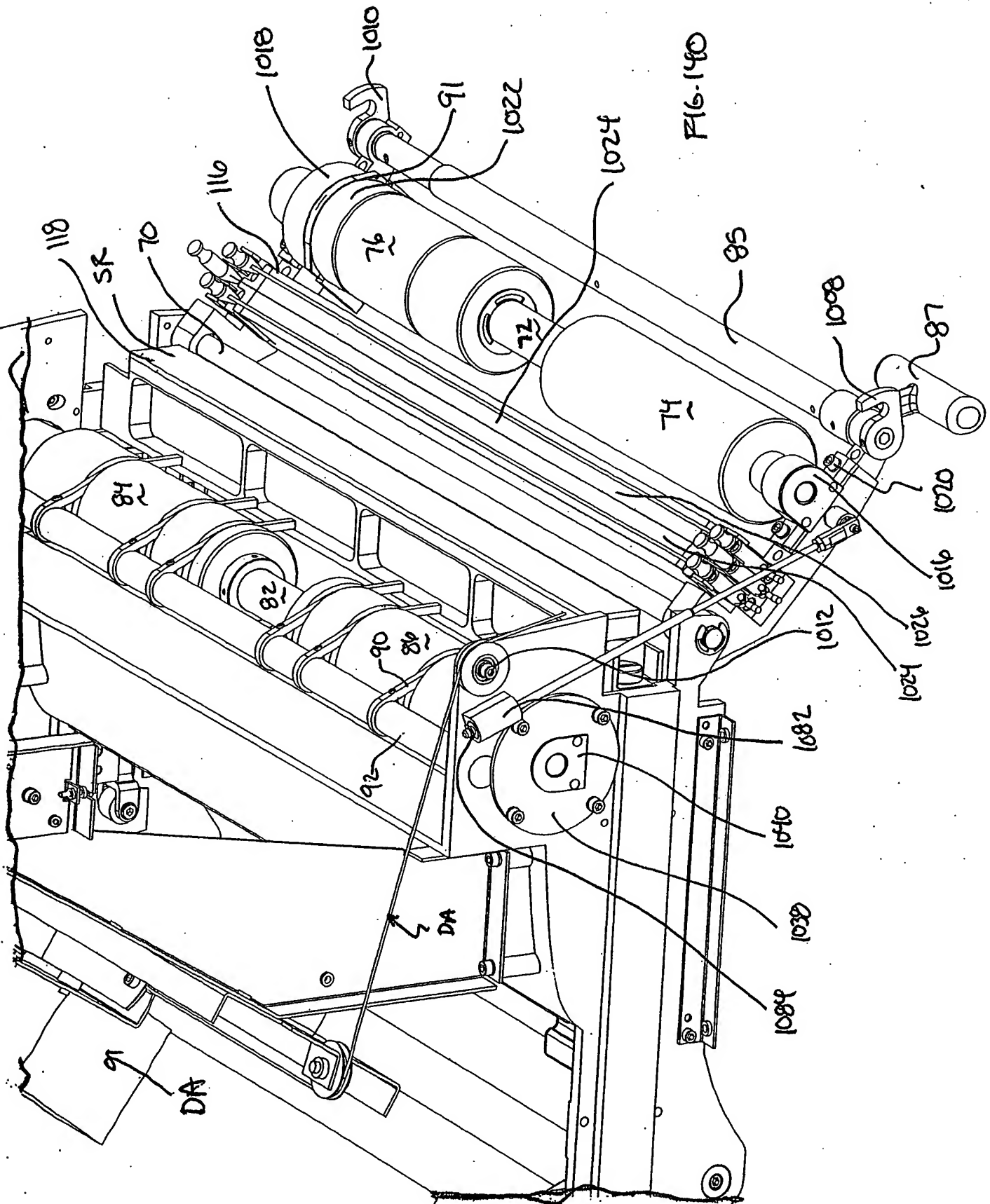


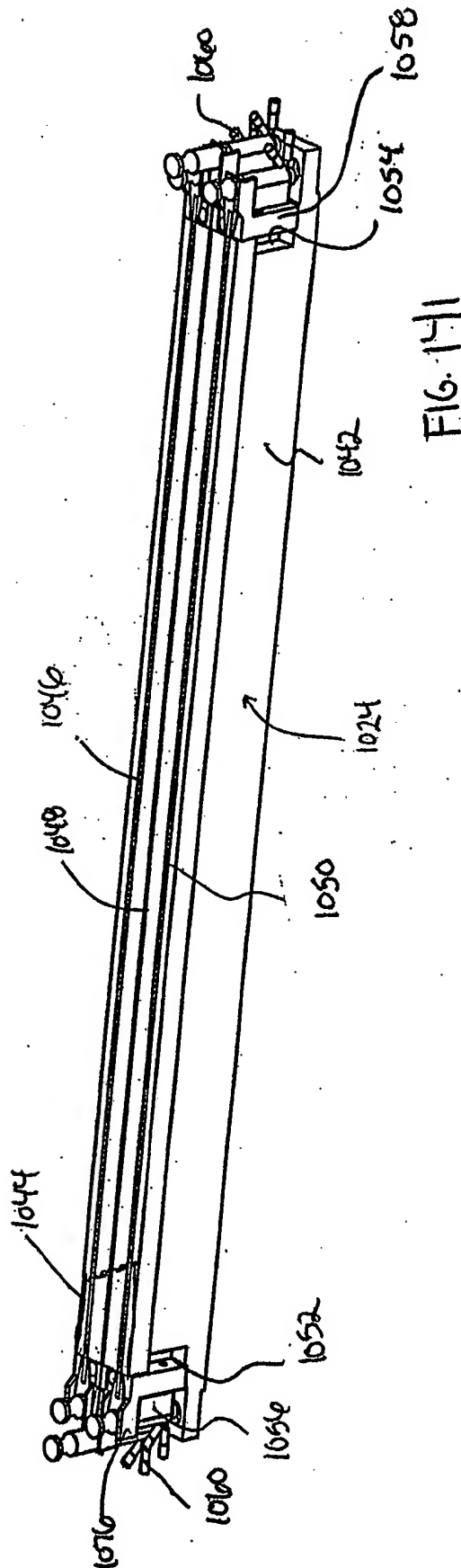


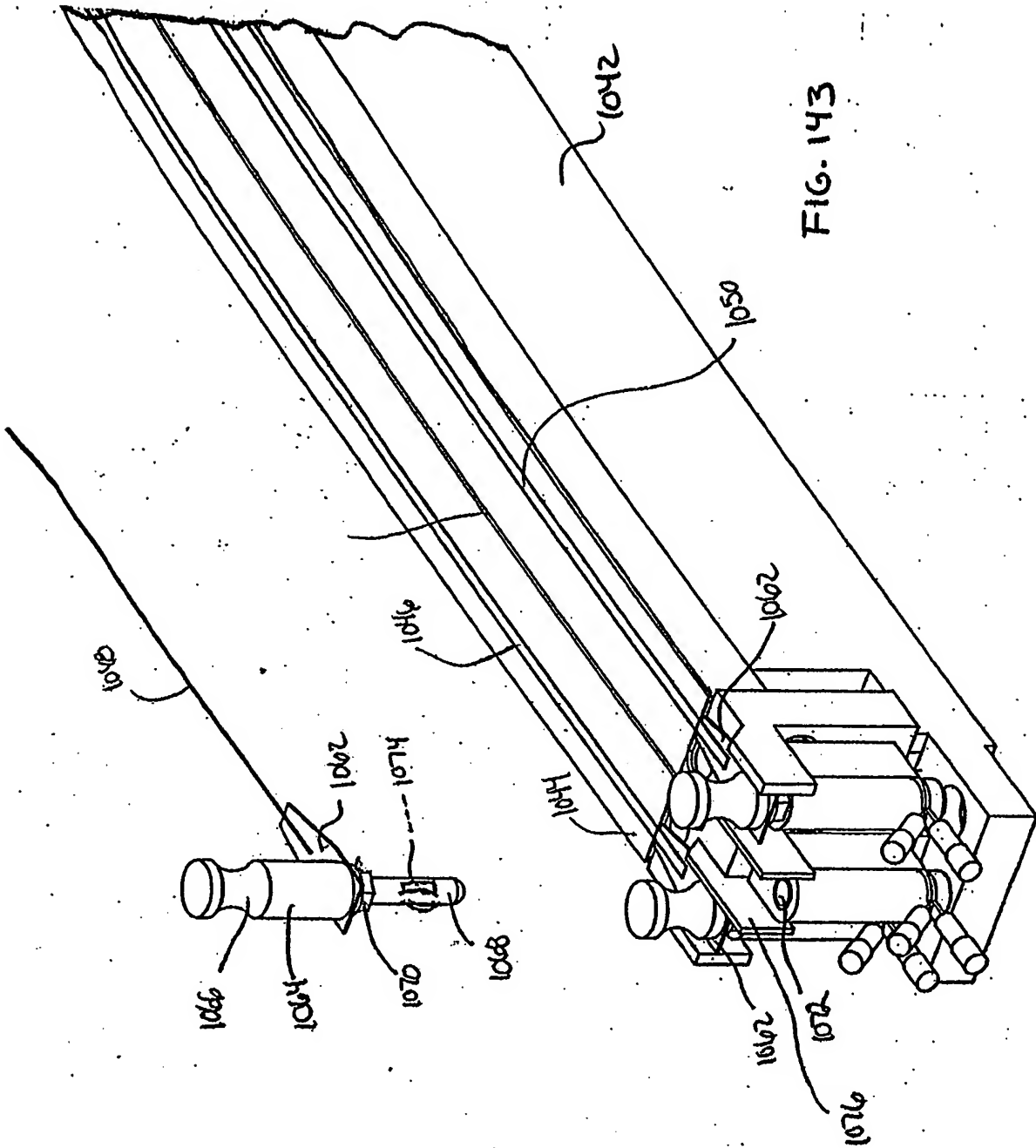
F-16.139



Replacement Sheet







Replacement Sheet

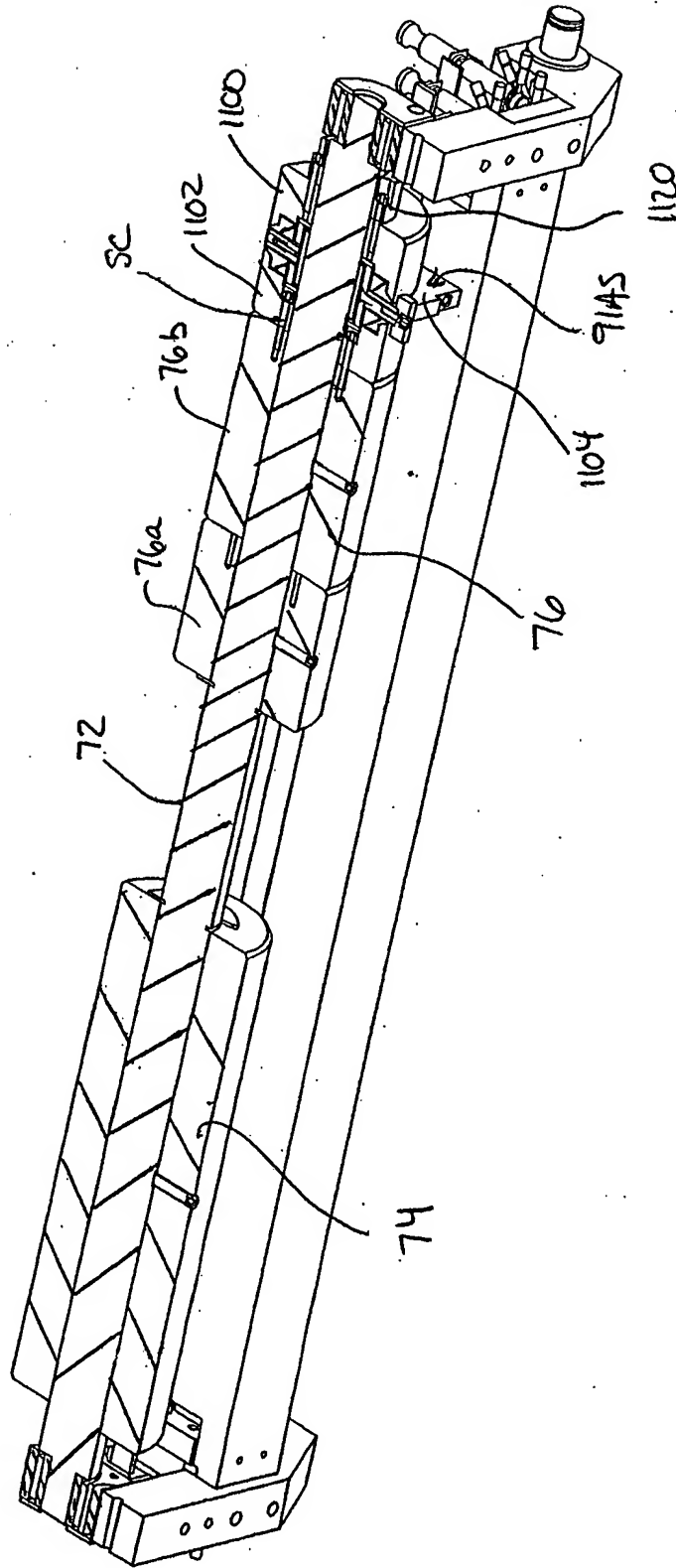


FIG. 145

Replacement Sheet

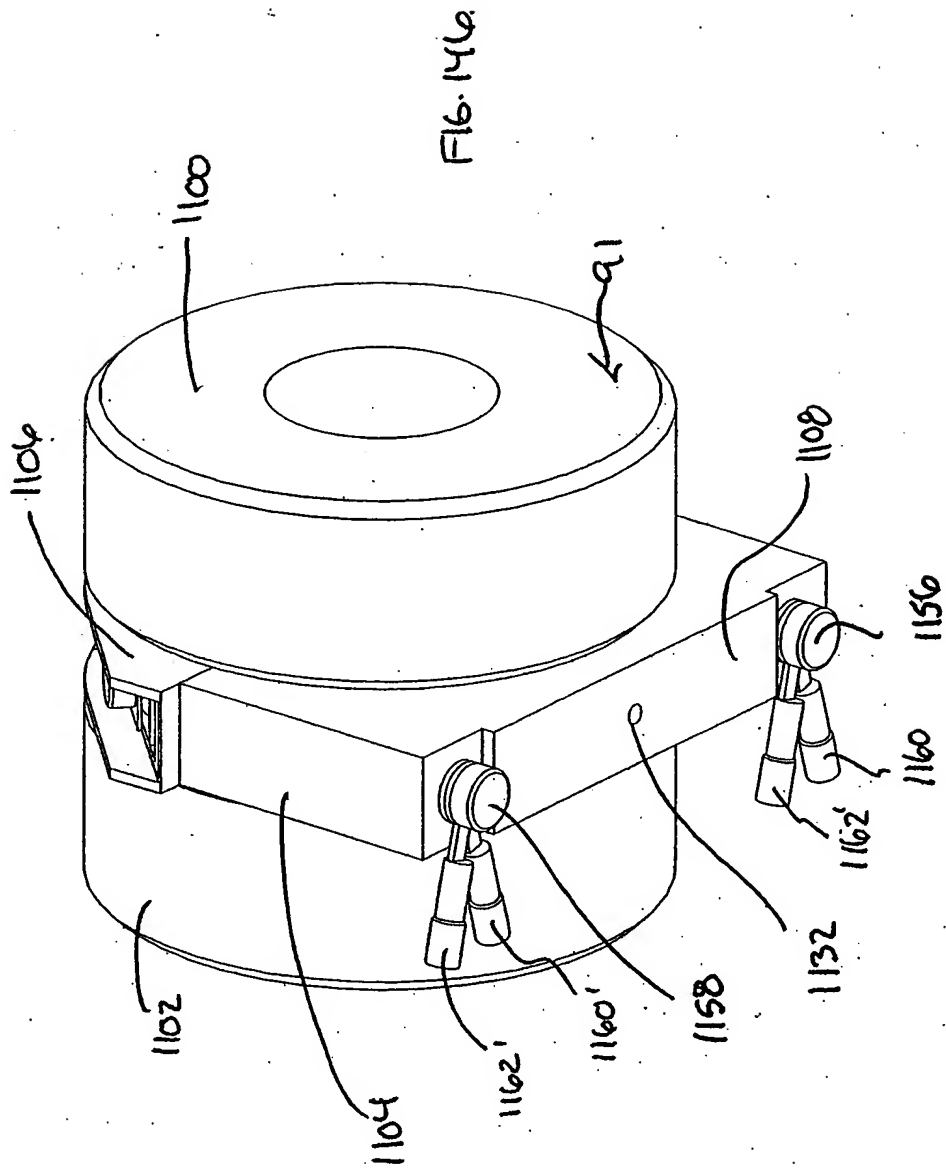
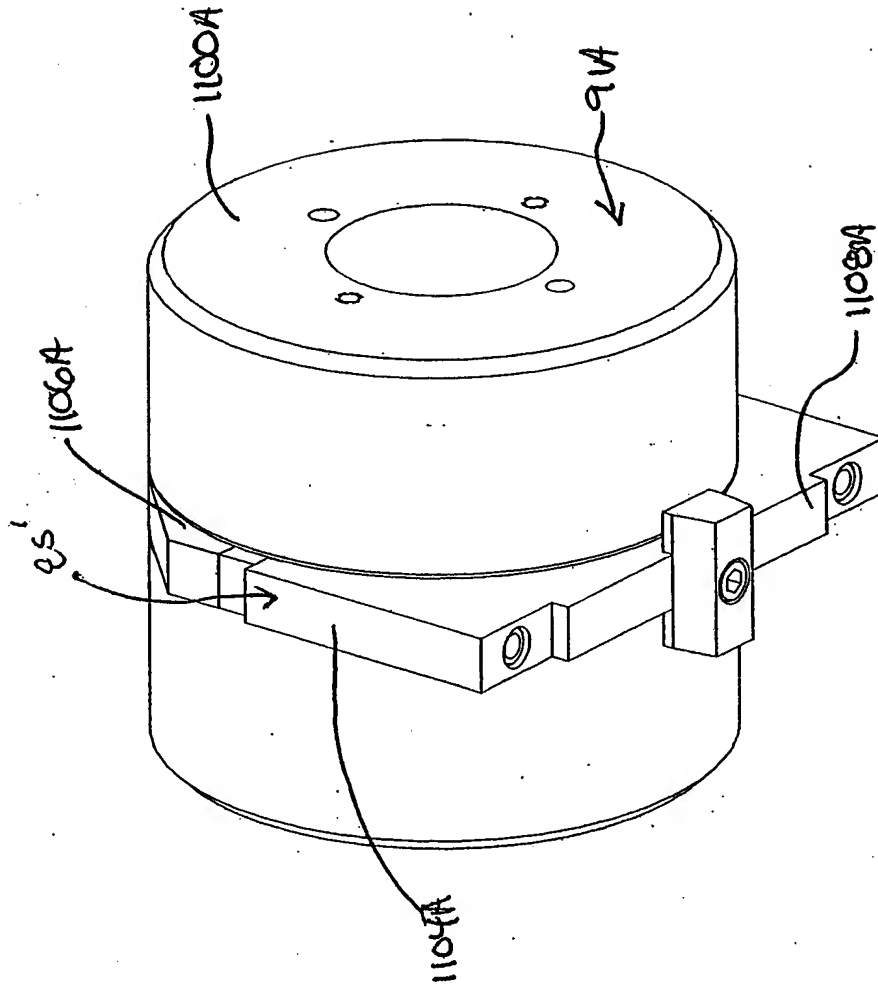
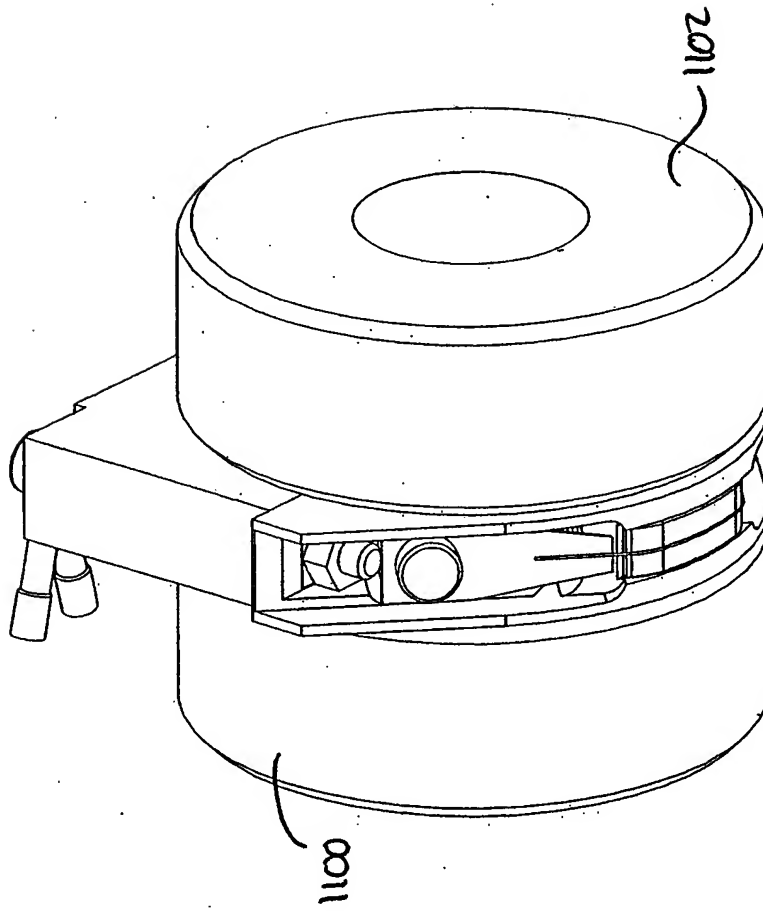


FIG. 146A



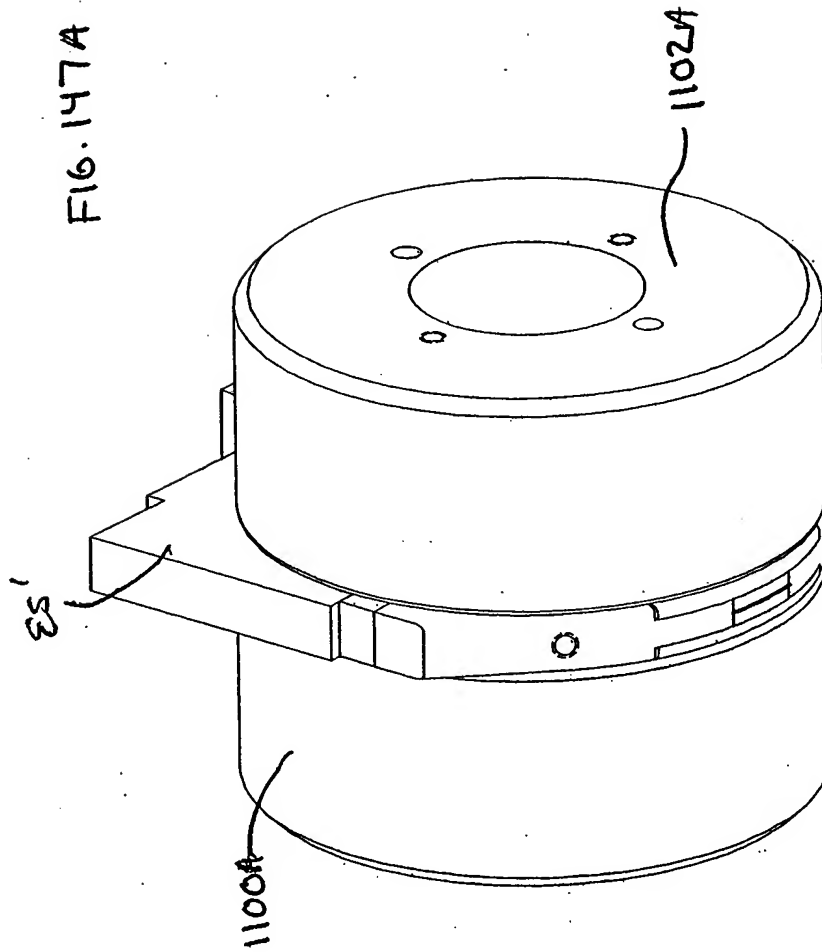
Replacement Sheet

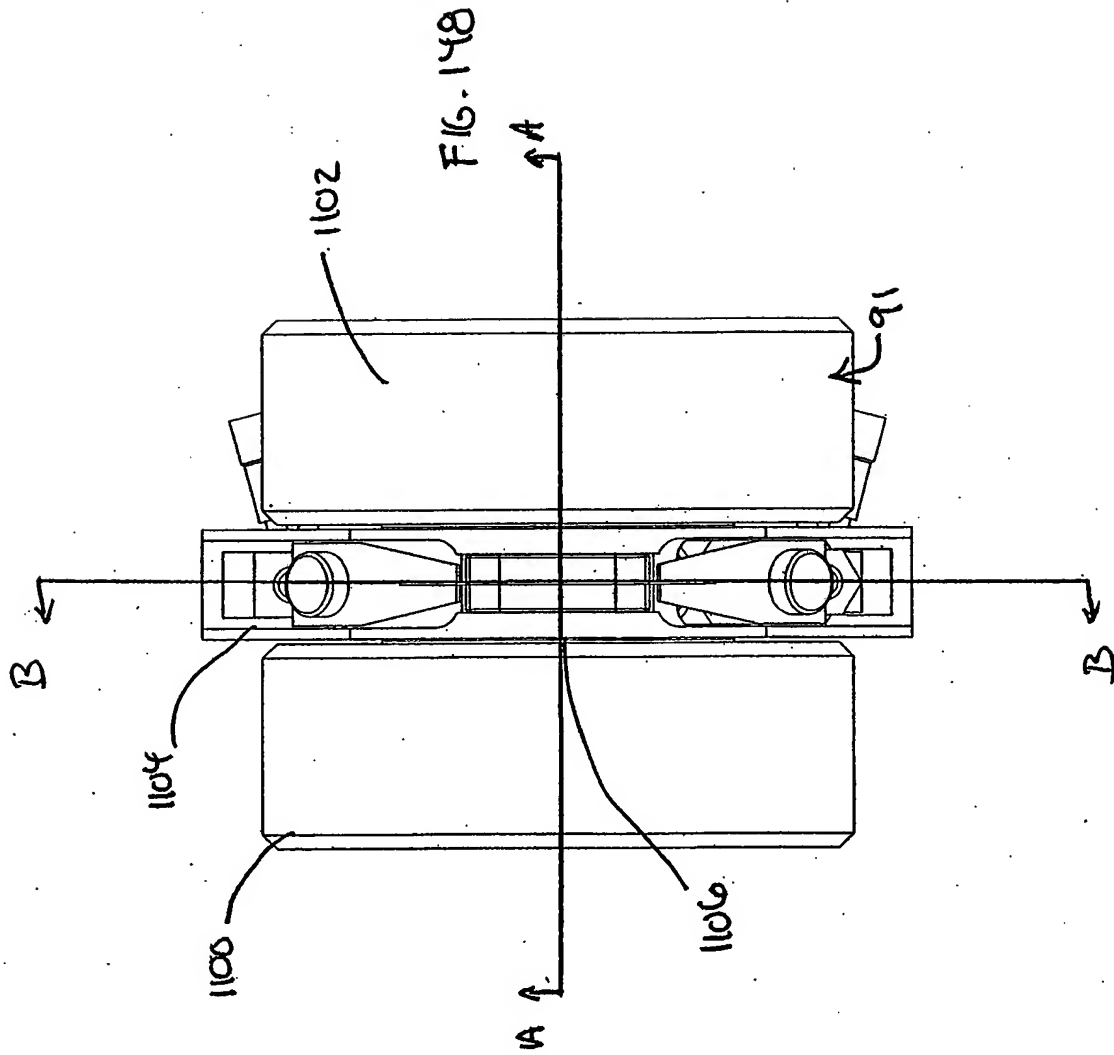
FIG. 147



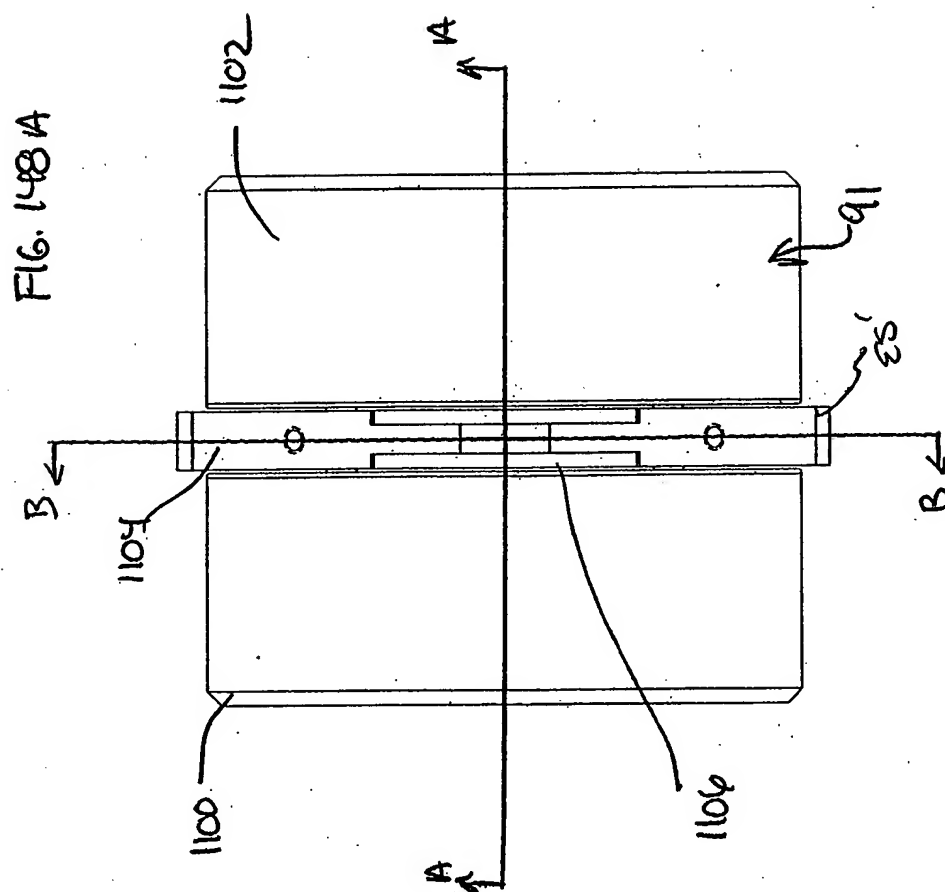
Replacement Sheet

FIG. 147A





Replacement Sheet



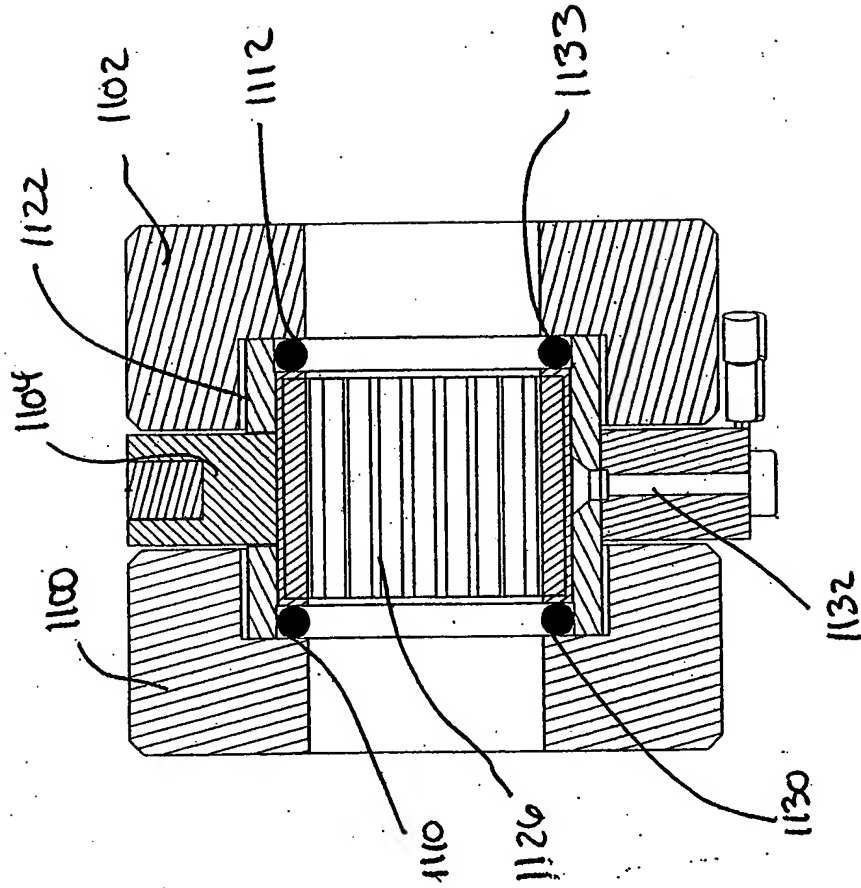
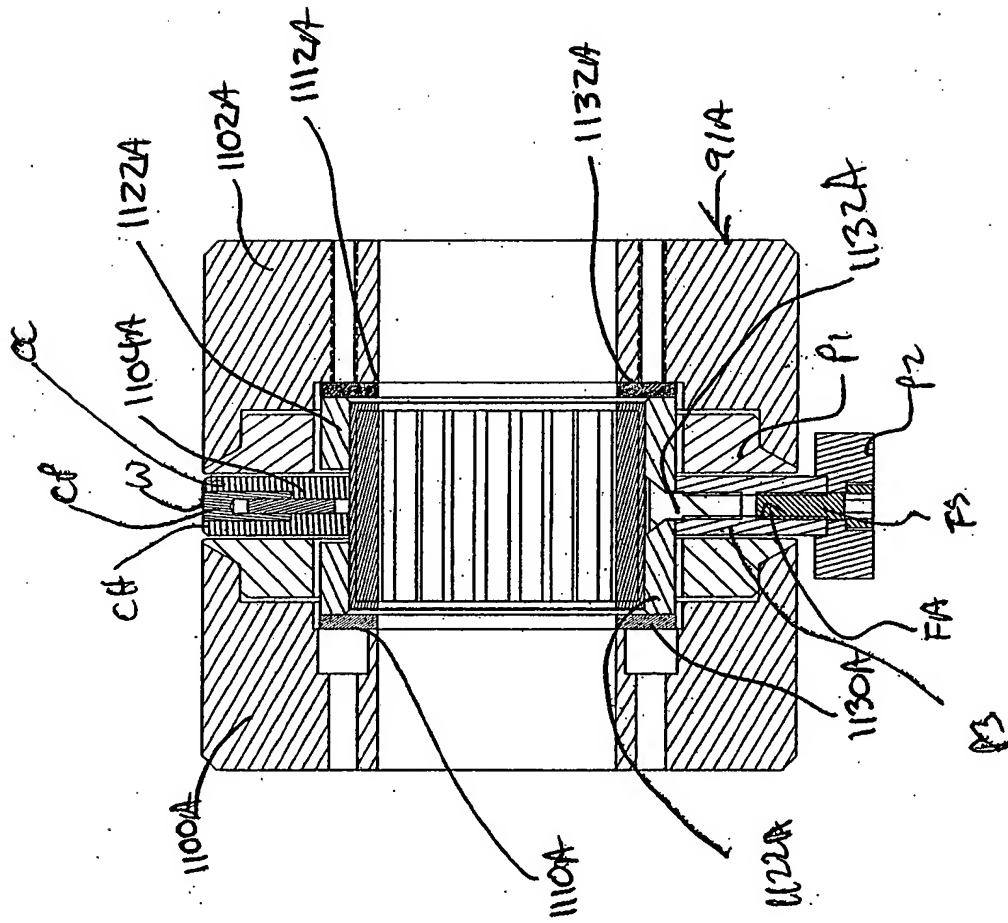
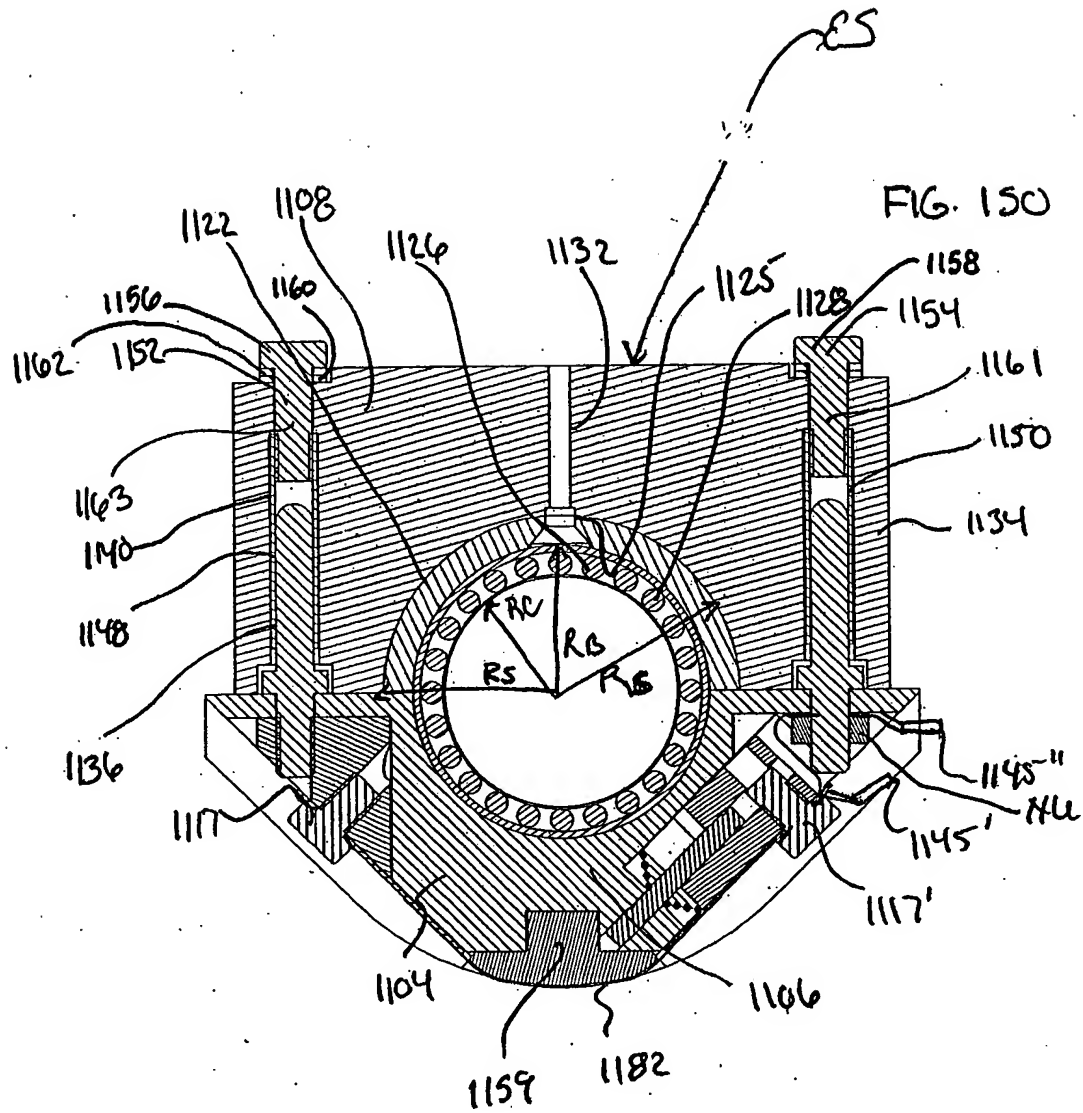


FIG. 149

Fig. 149A





Replacement Sheet

FIG. 1504A

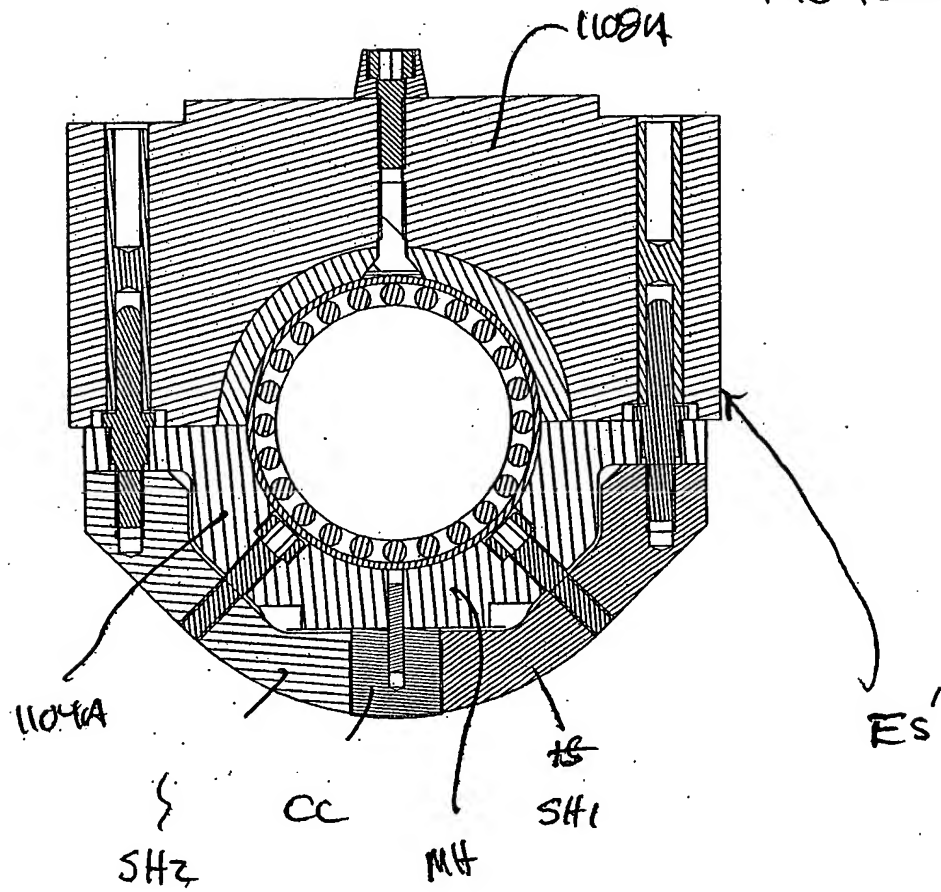


FIG. 151

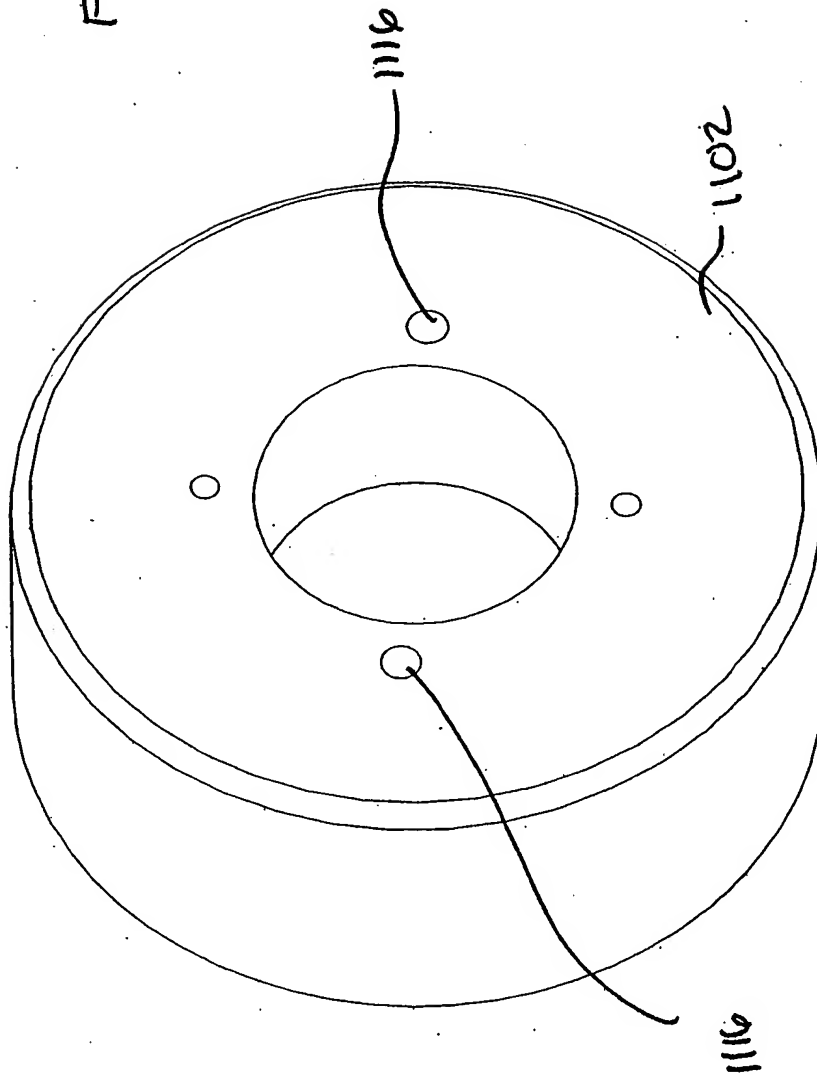
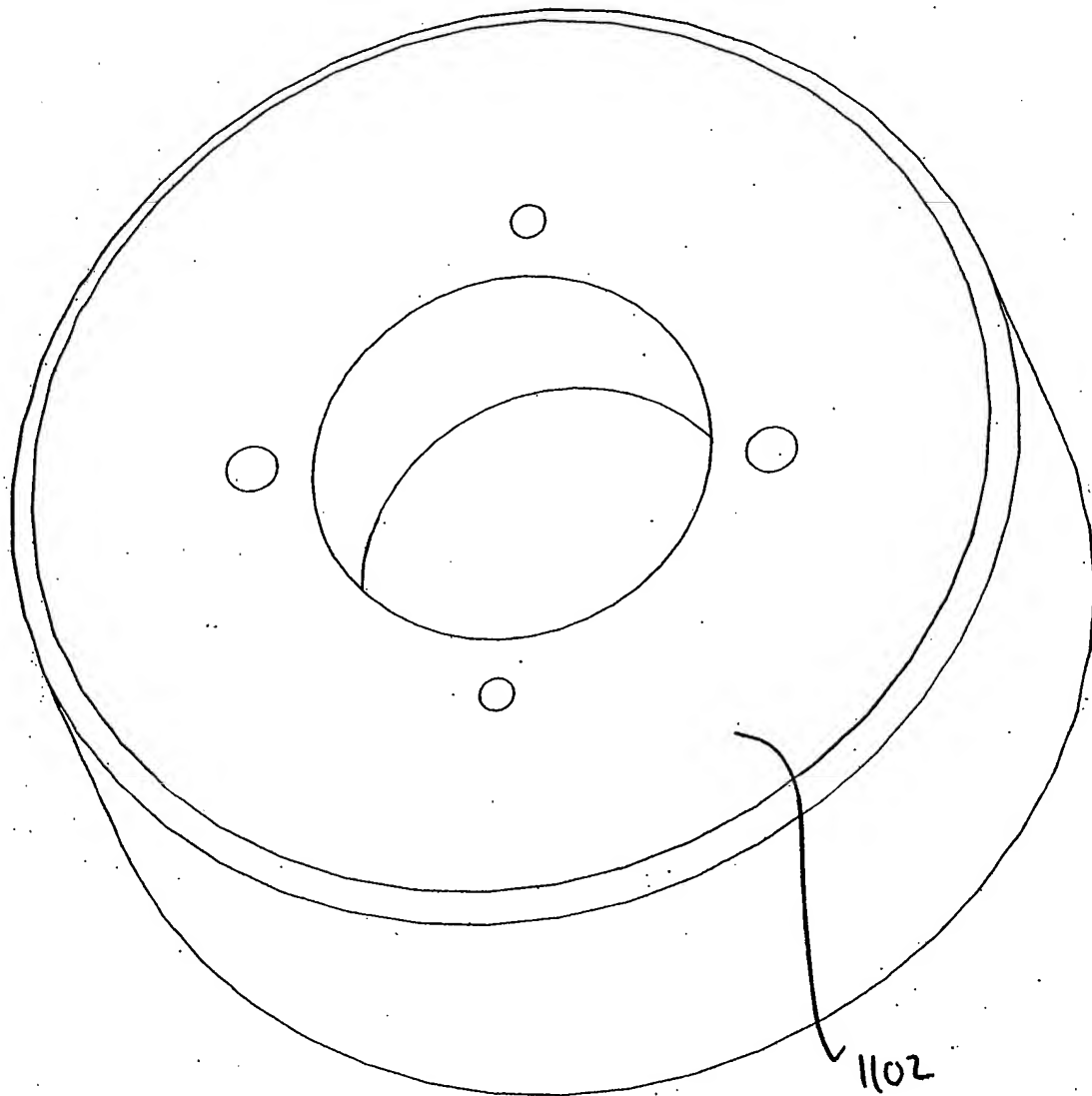


FIG. 151A



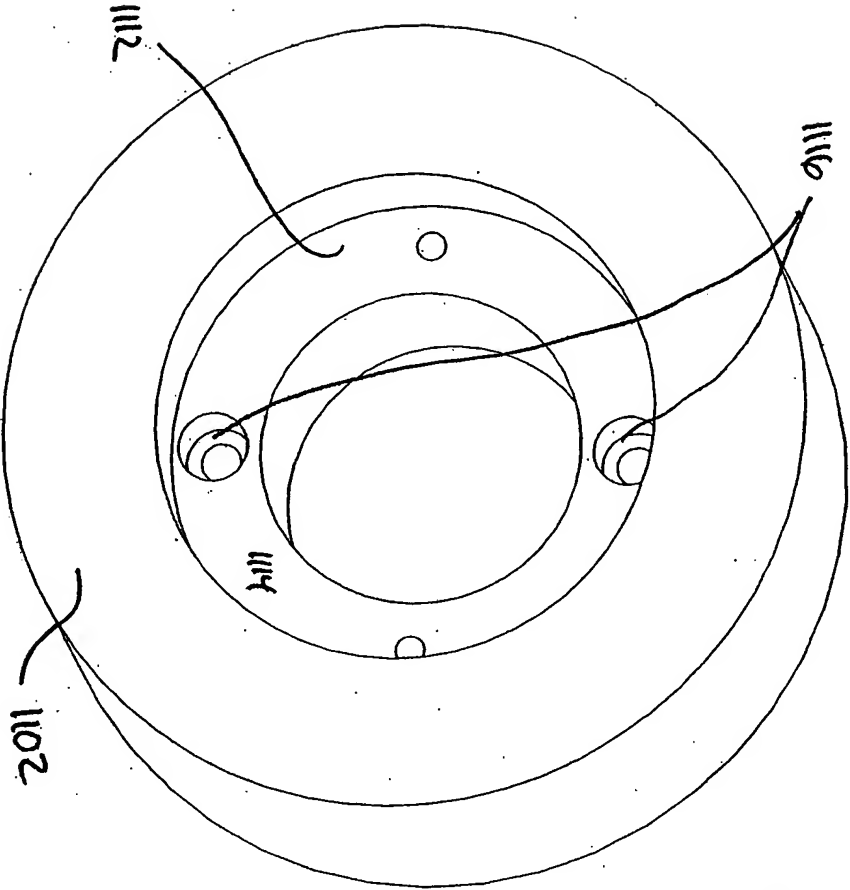
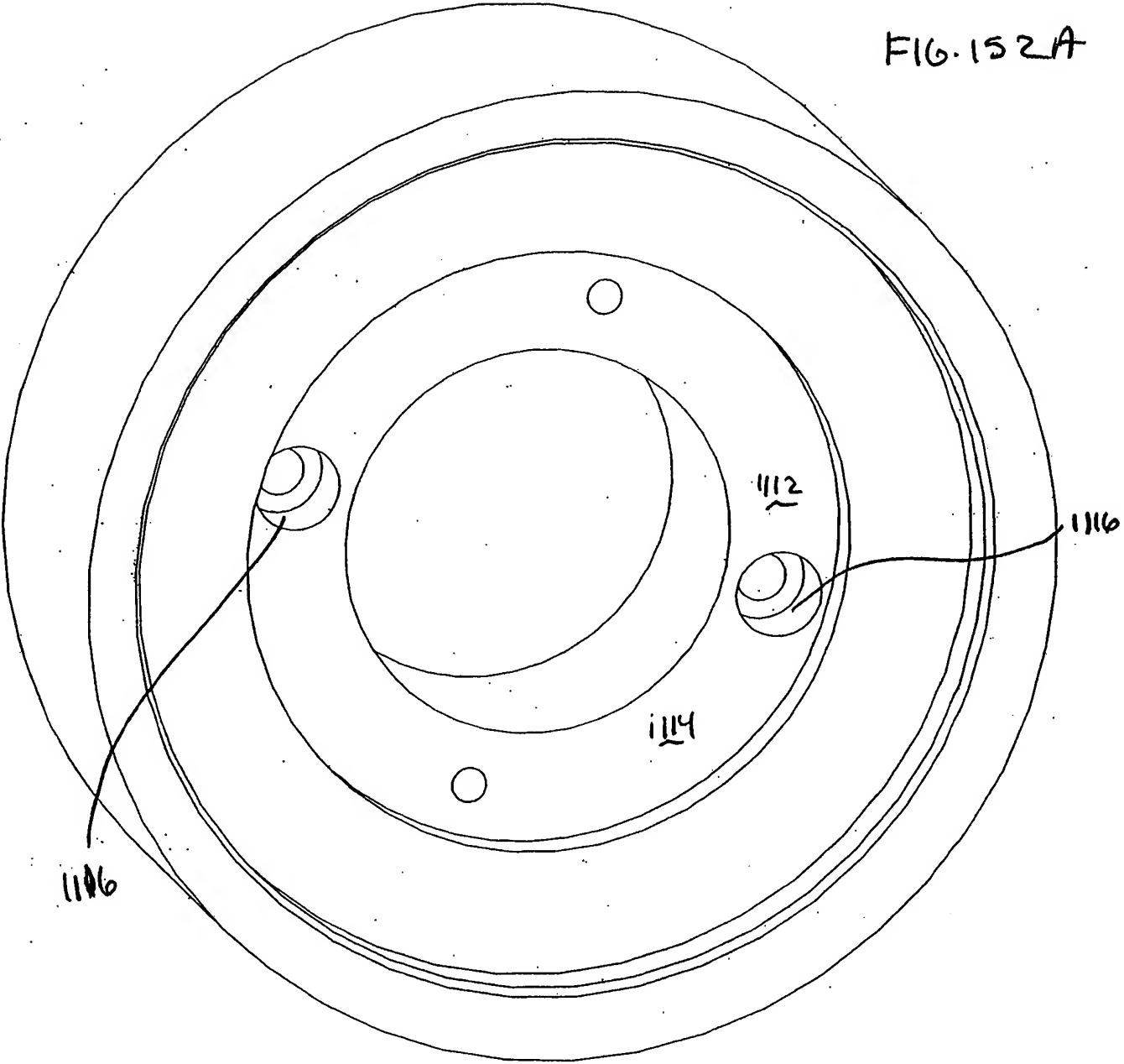


FIG. 152

FIG. 152A



Replacement Sheet

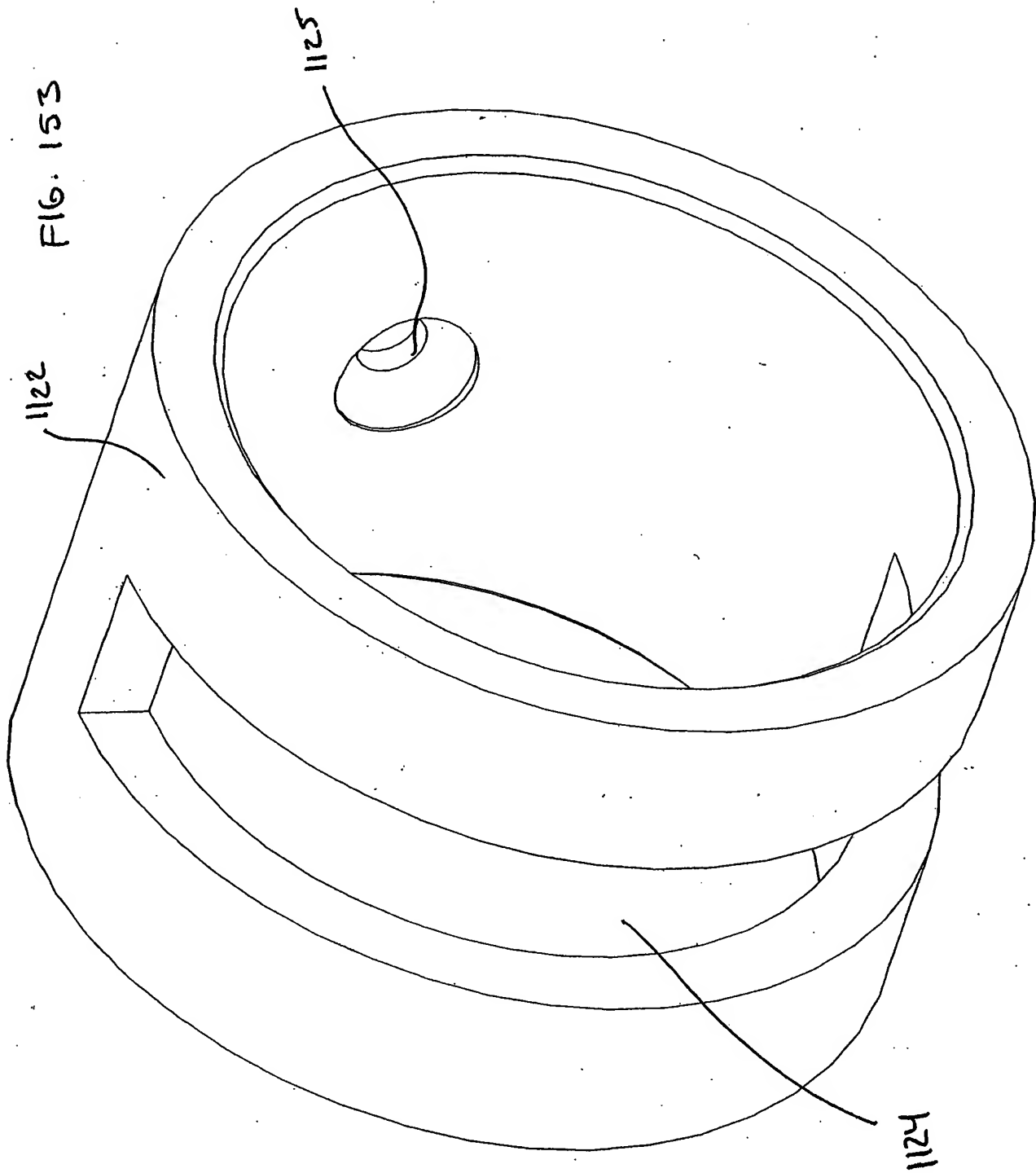


FIG. 154

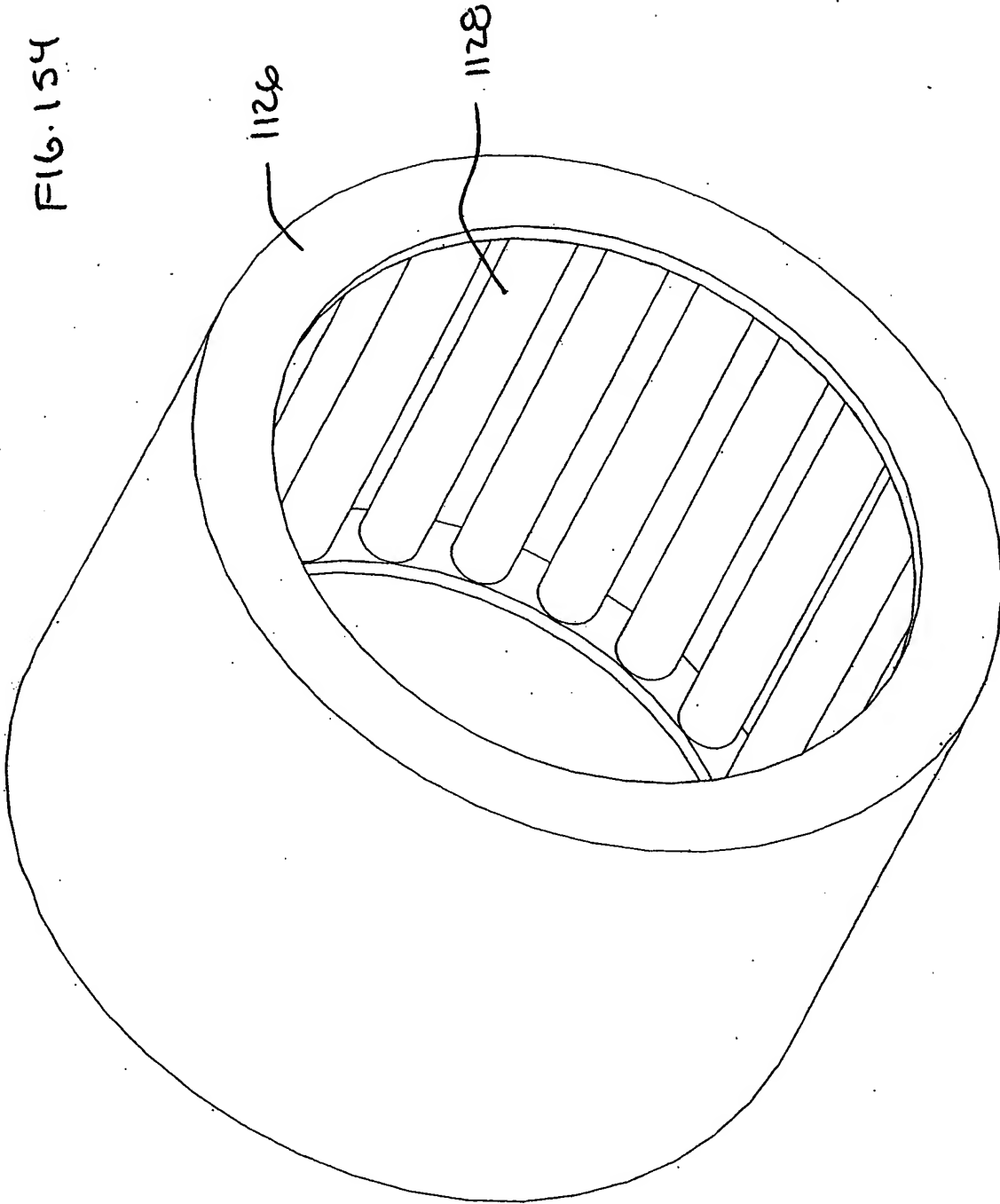
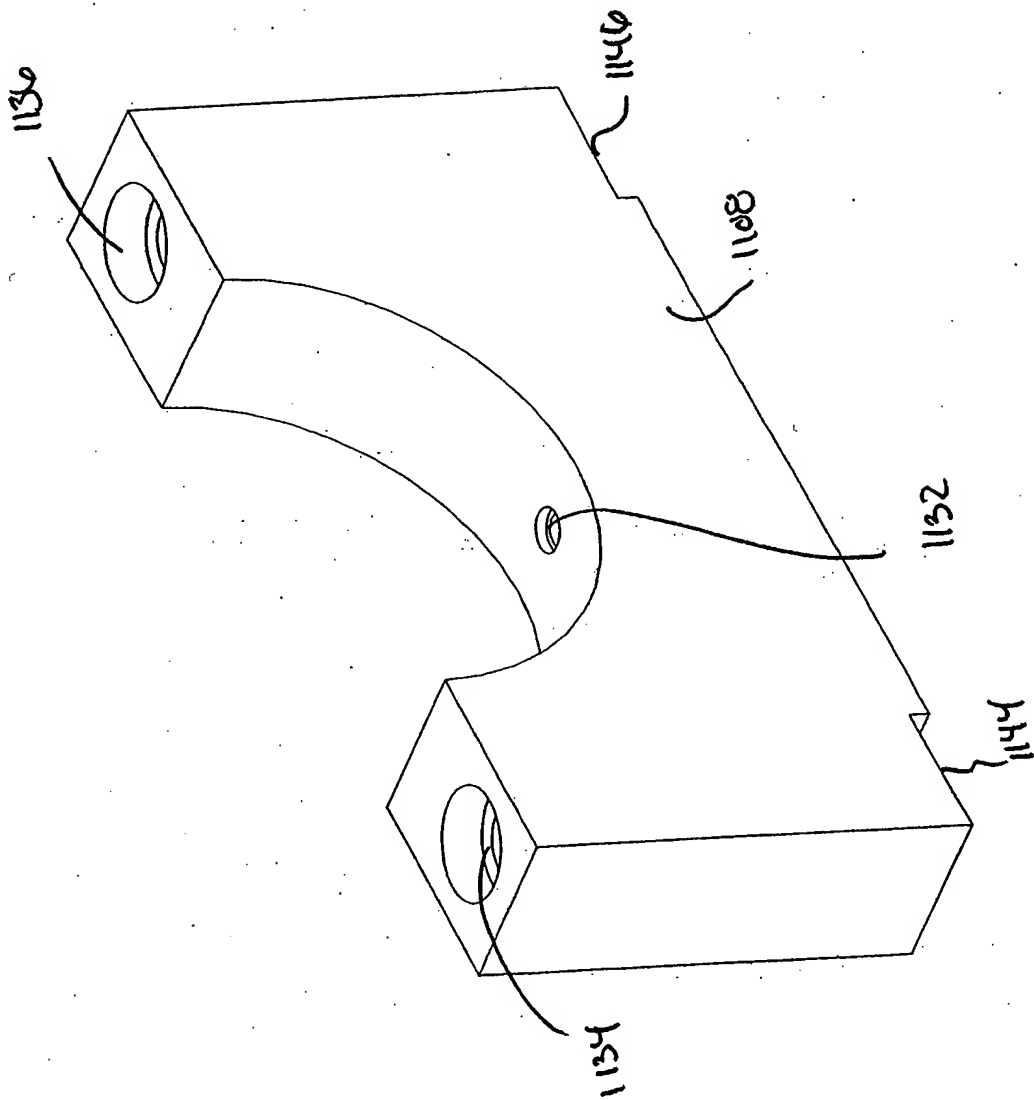


FIG. 155



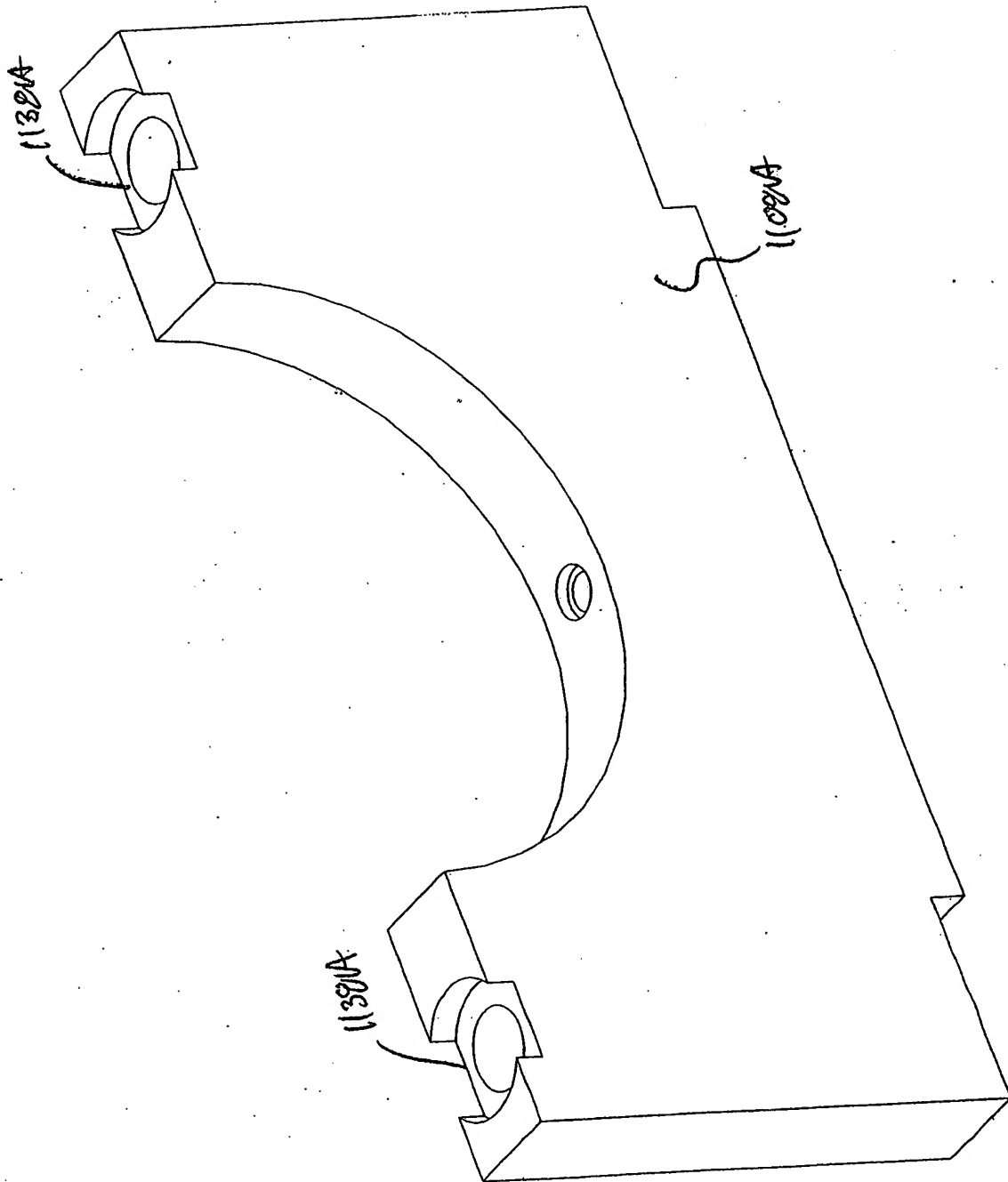


FIG. 155A

FIG. 15C

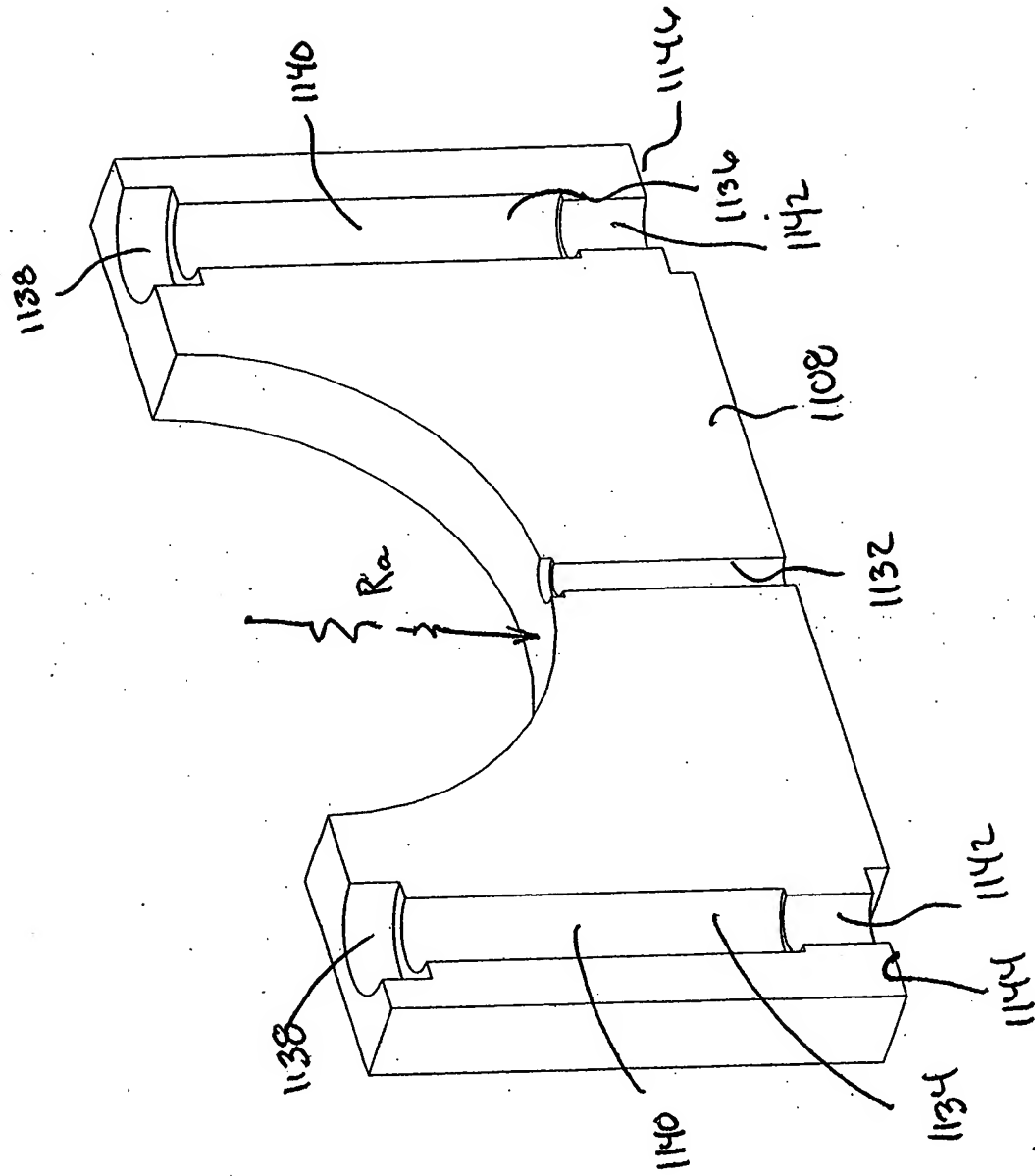
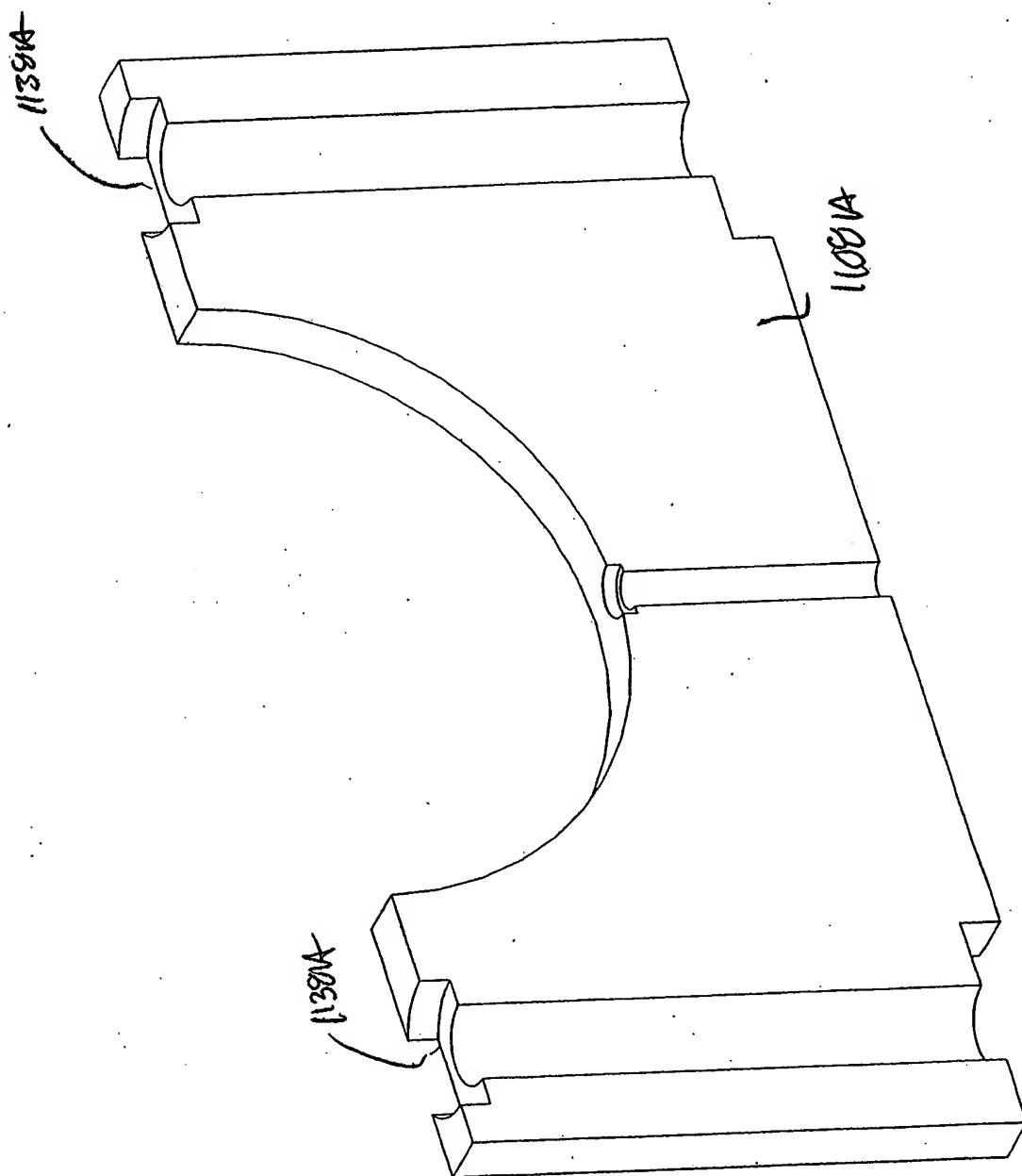


FIG 156A



Replacement Sheet

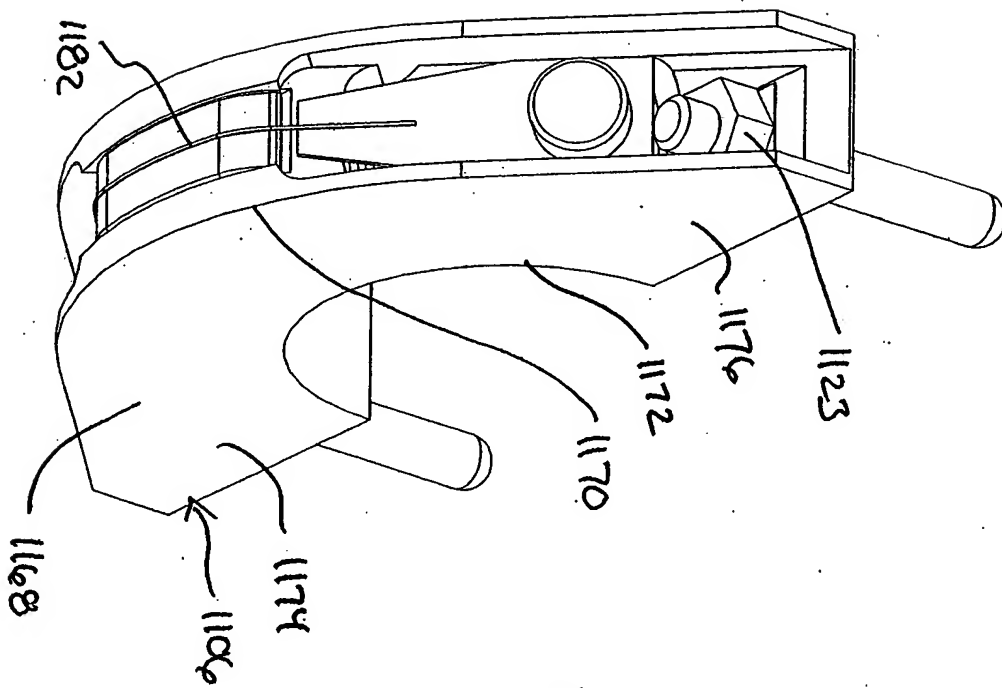


FIG. 157

Replacement Sheet

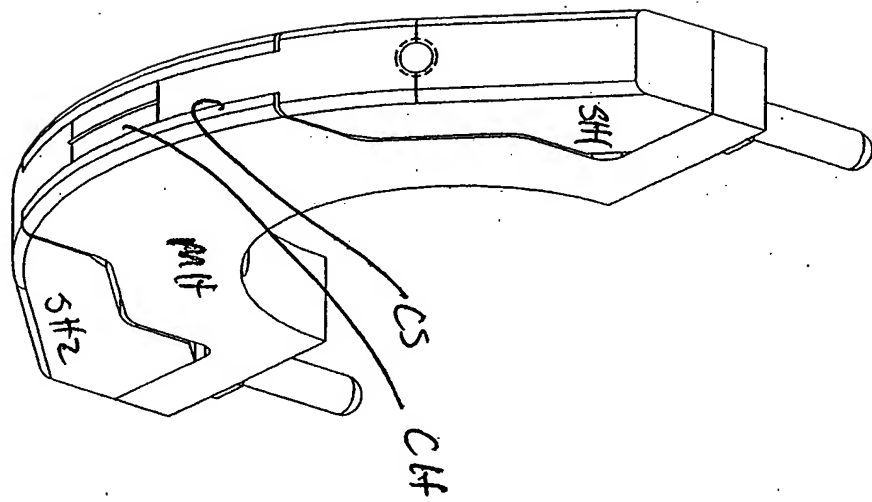


FIG. 157A

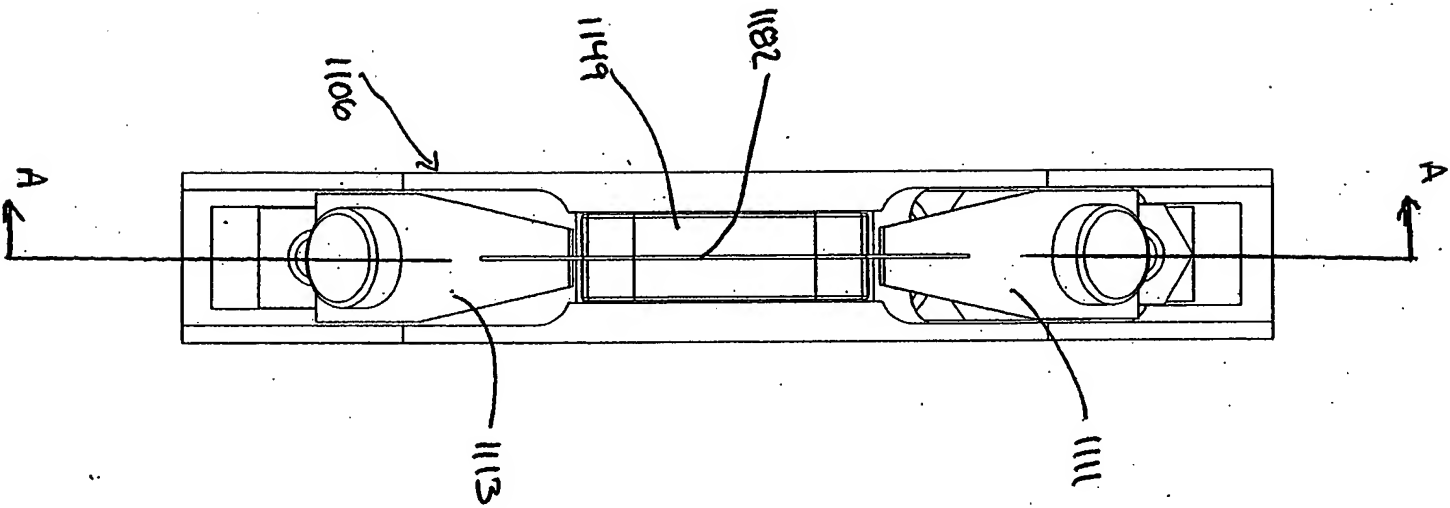


FIG. 158

Replacement Sheet

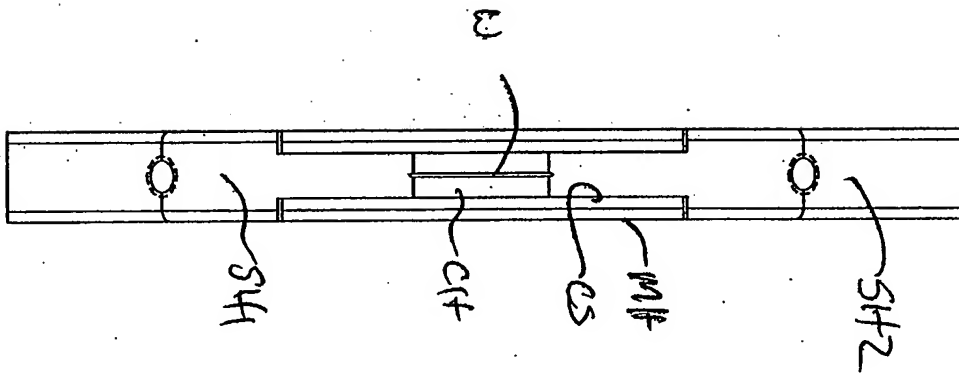
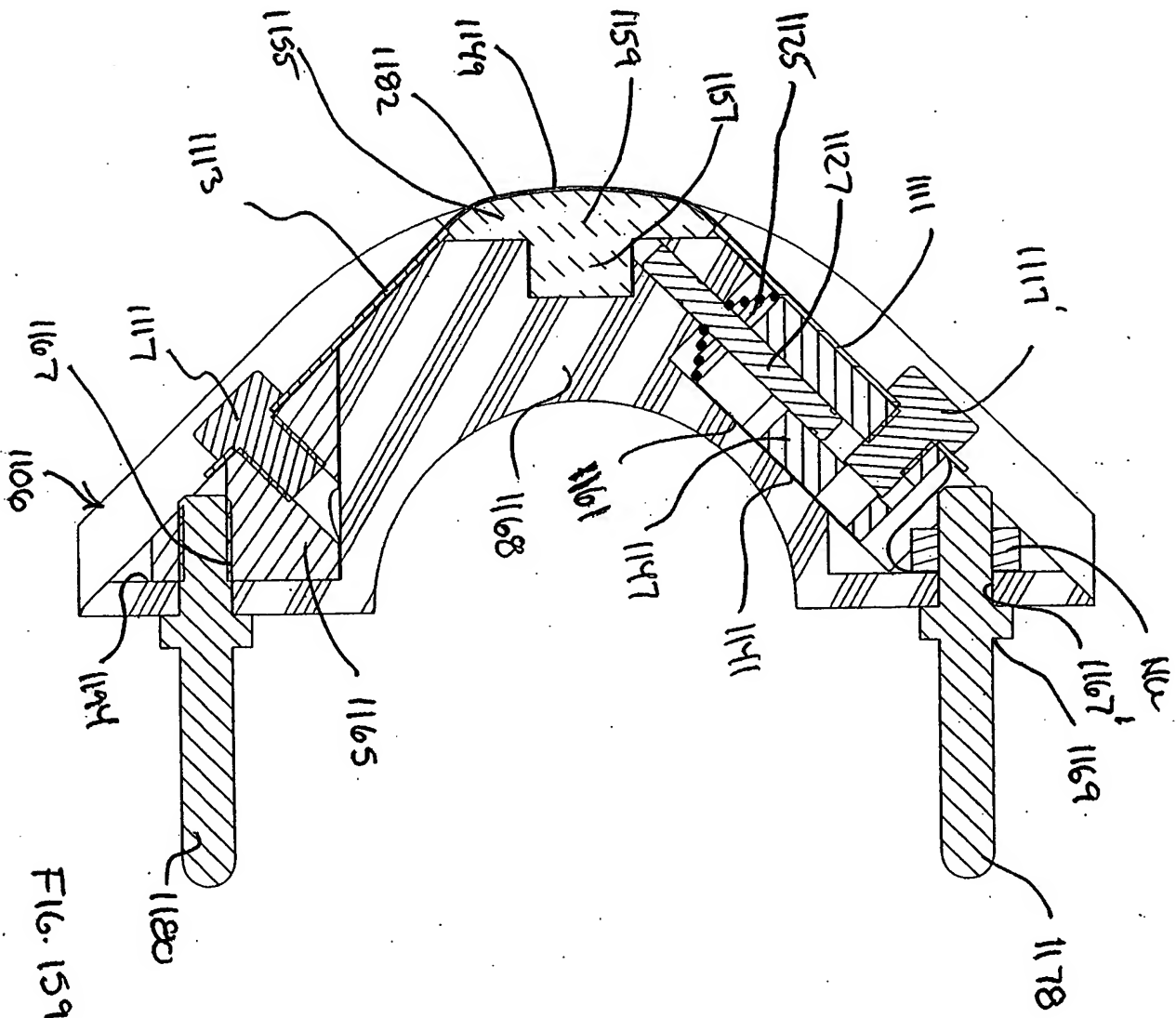


FIG. 158A

Replacement Sheet



Replacement Sheet

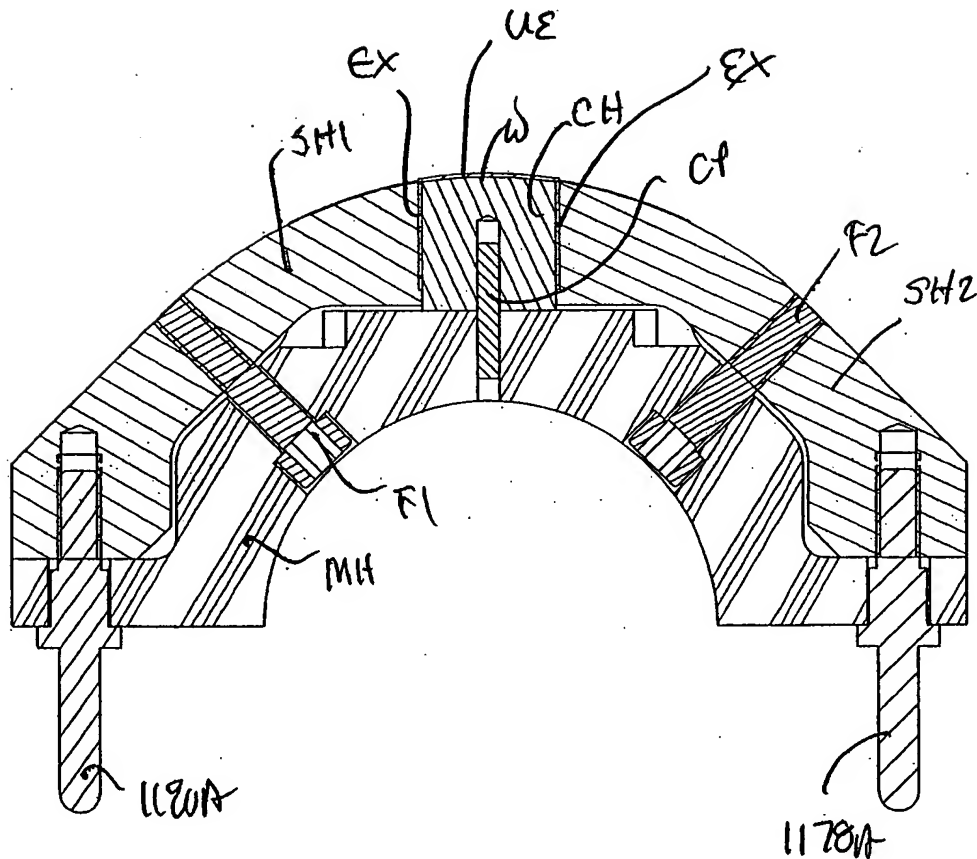
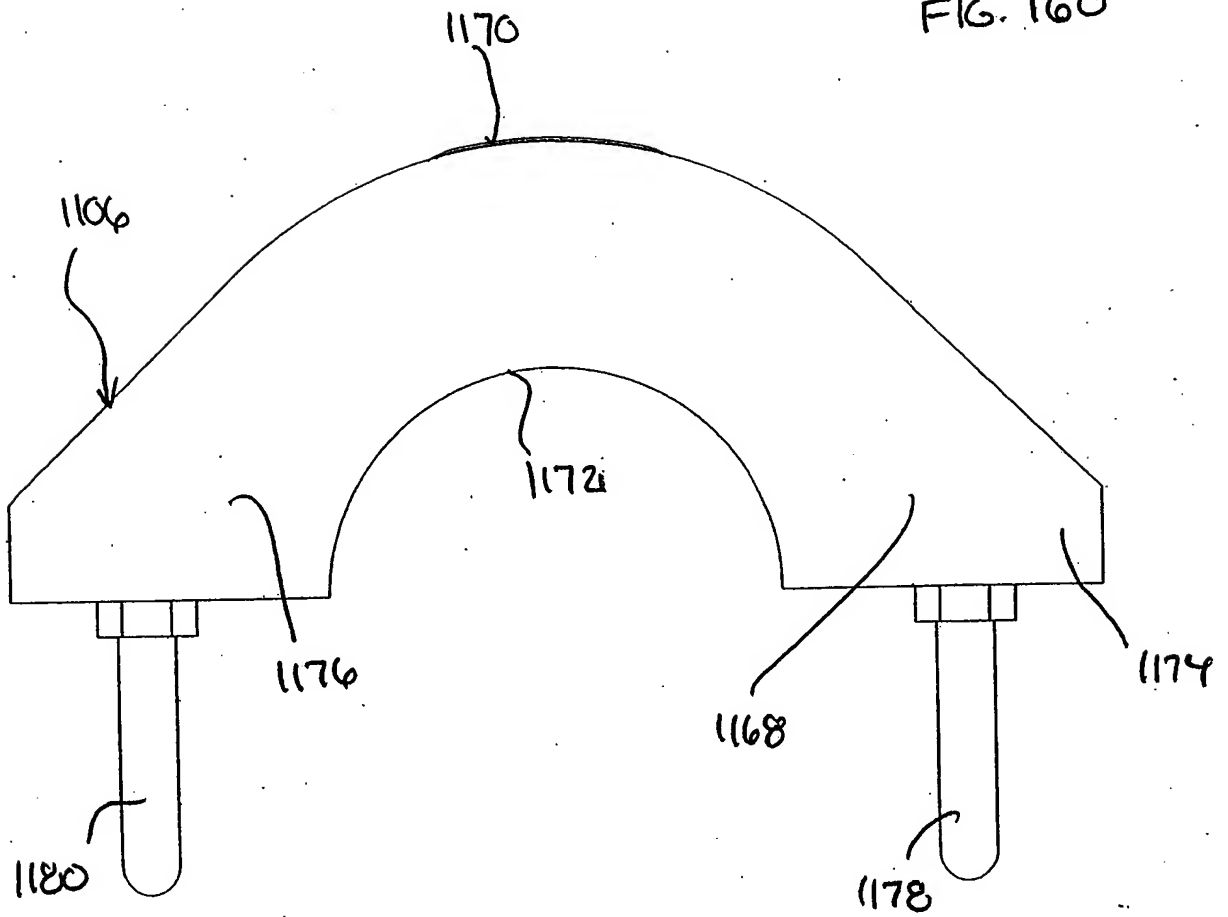


FIG-159A

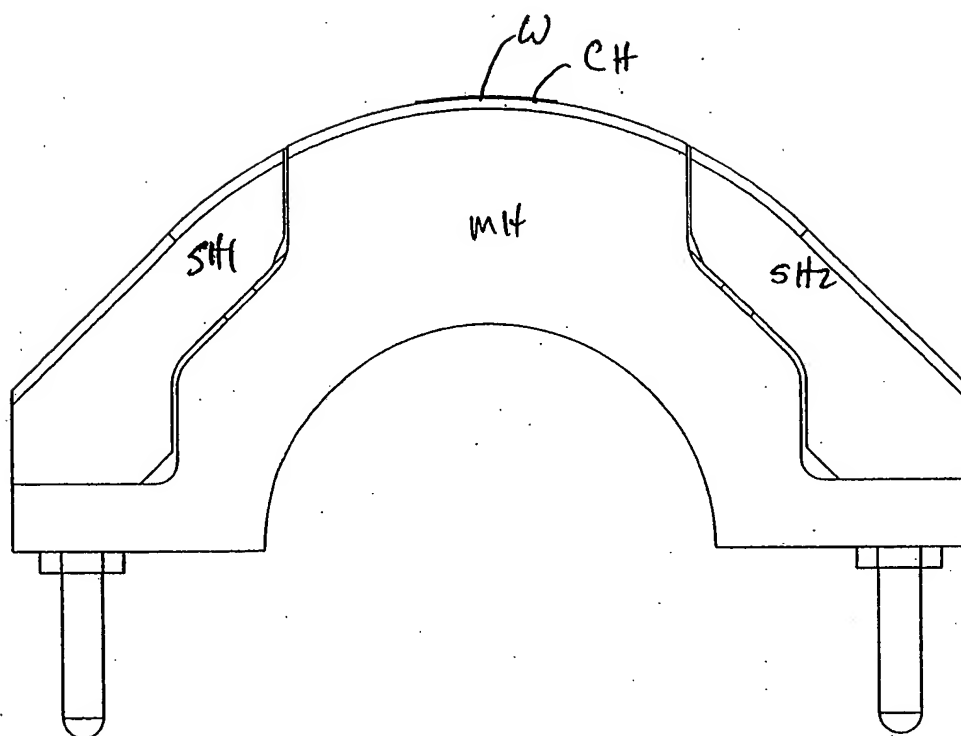
Replacement Sheet

FIG. 160



Replacement Sheet

FIG. 160A



Replacement Sheet

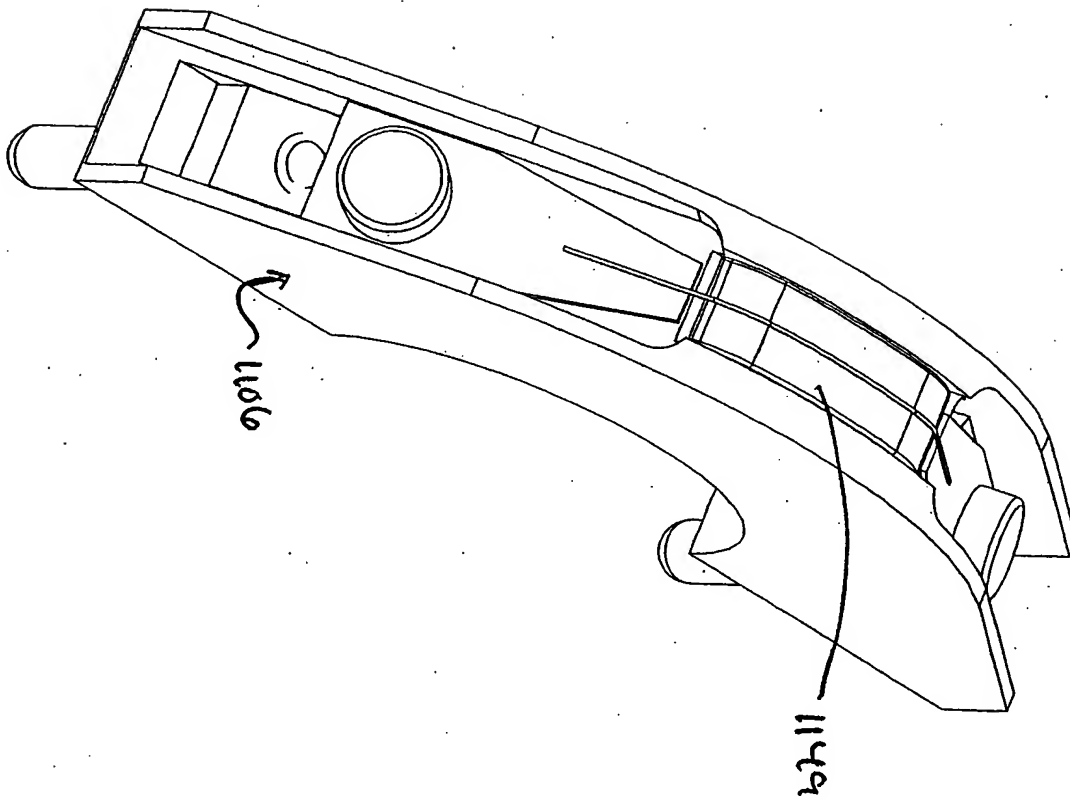


FIG. 161

Replacement Sheet

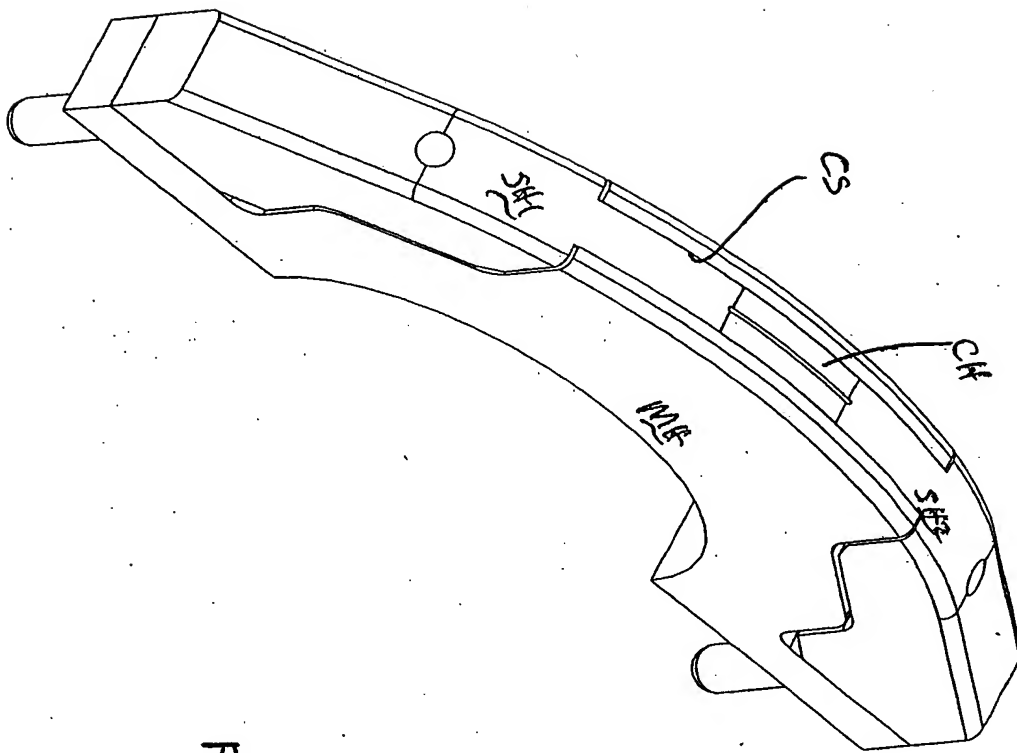


FIG. 161A

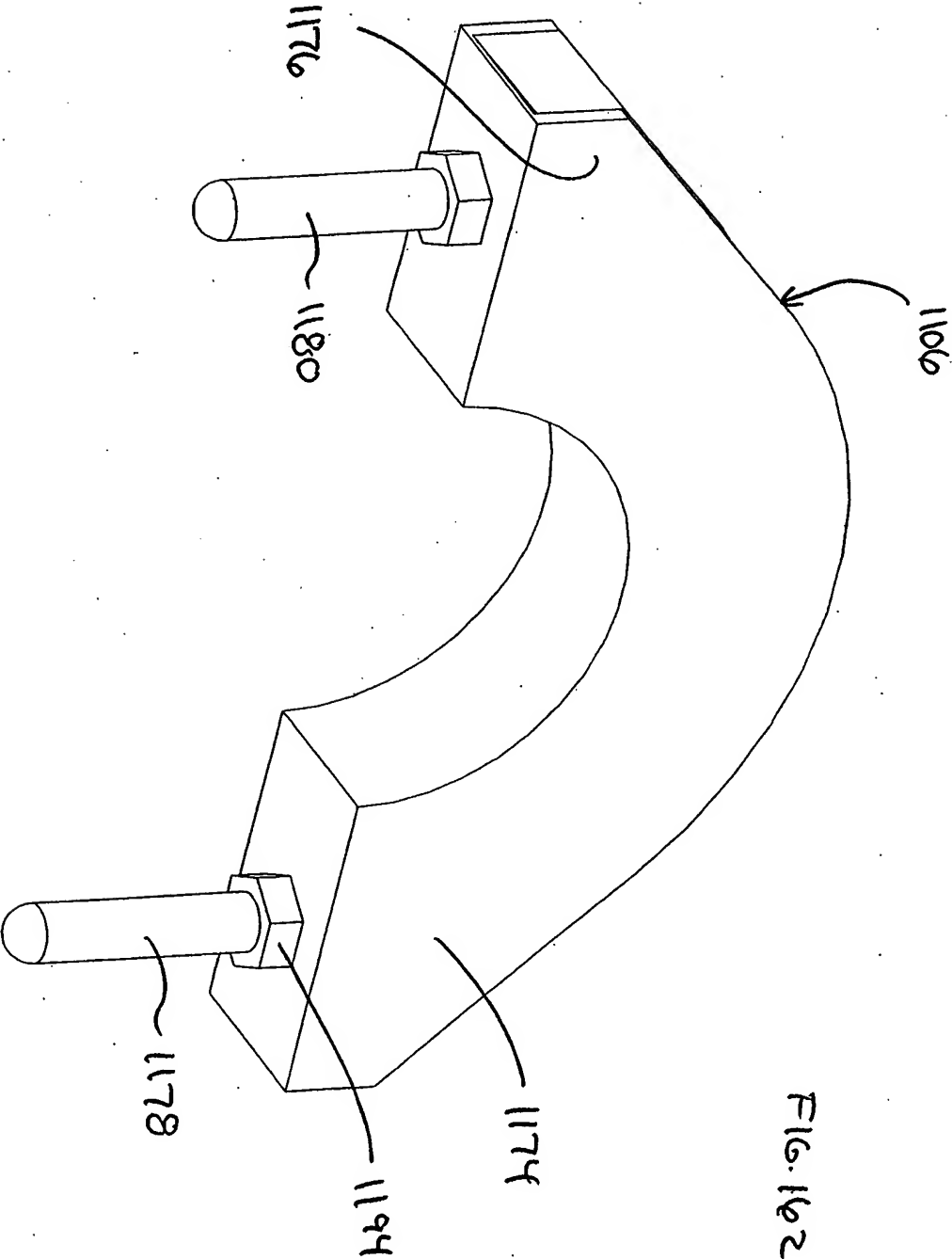


FIG. 162

Replacement Sheet

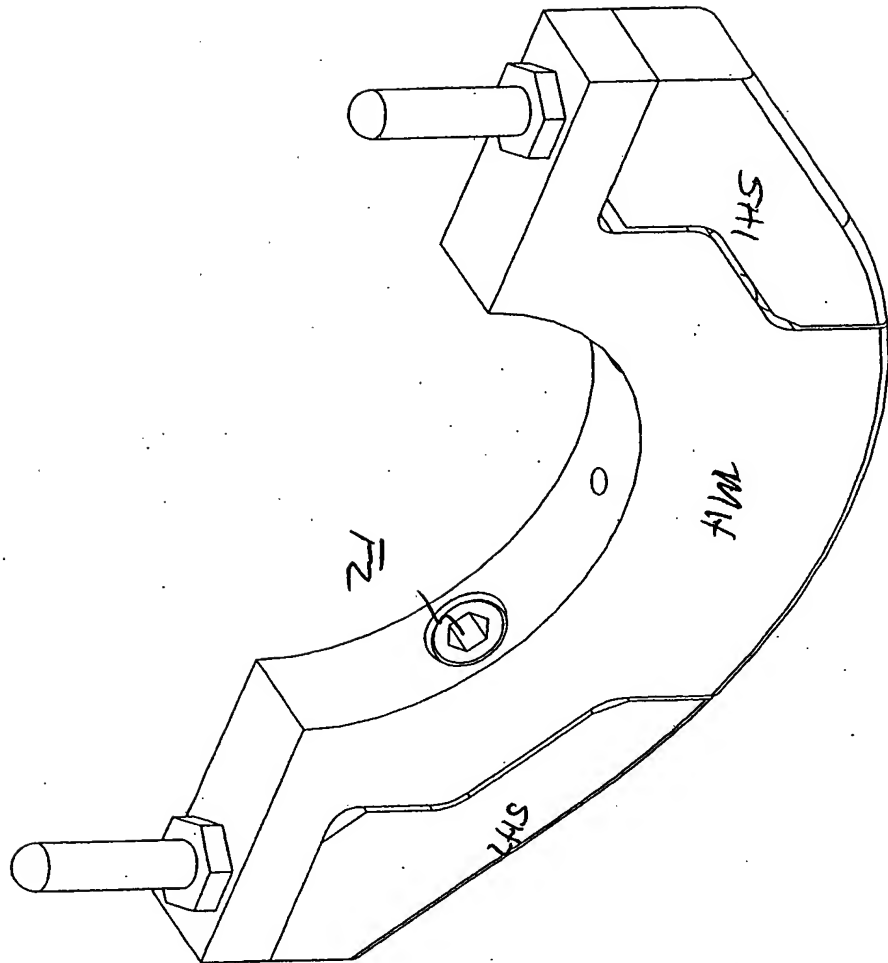


FIG. 162A

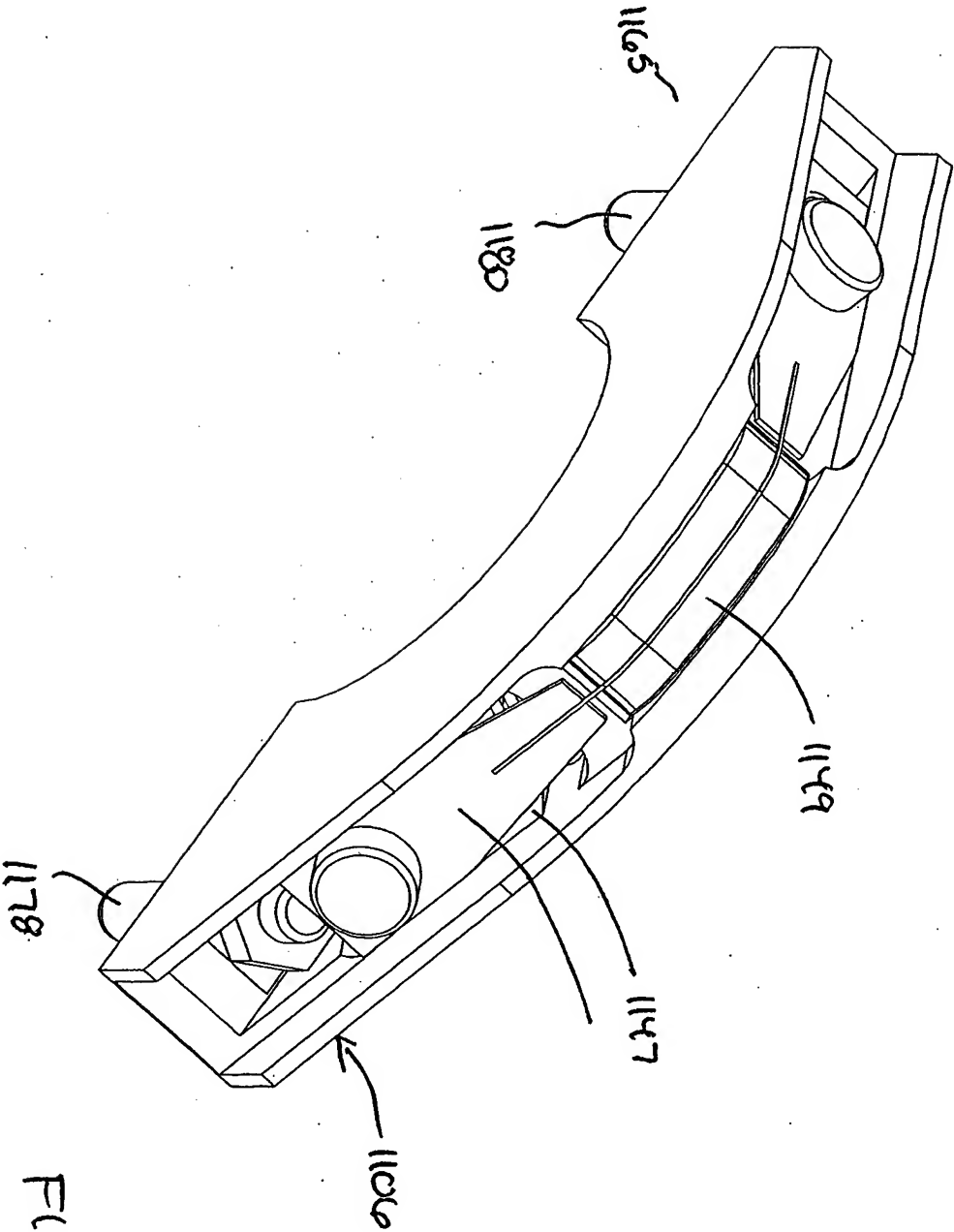


FIG. 163

Replacement Sheet

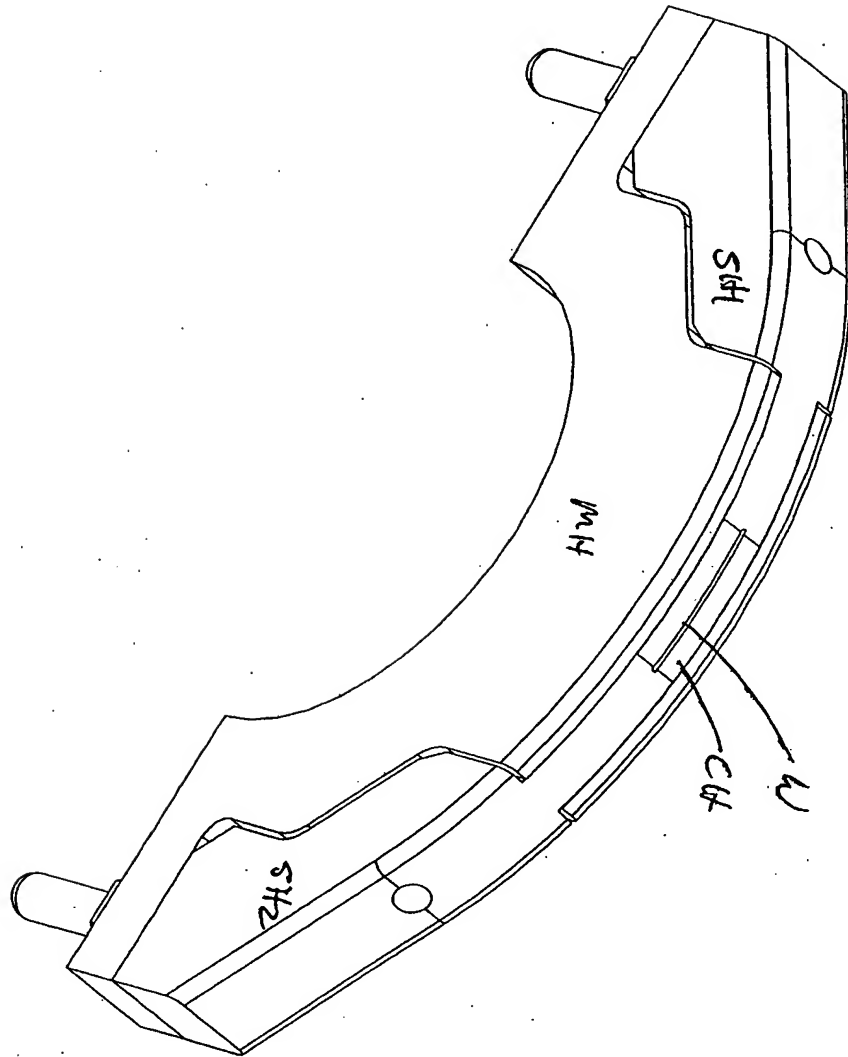


FIG. 163A

Replacement Sheet

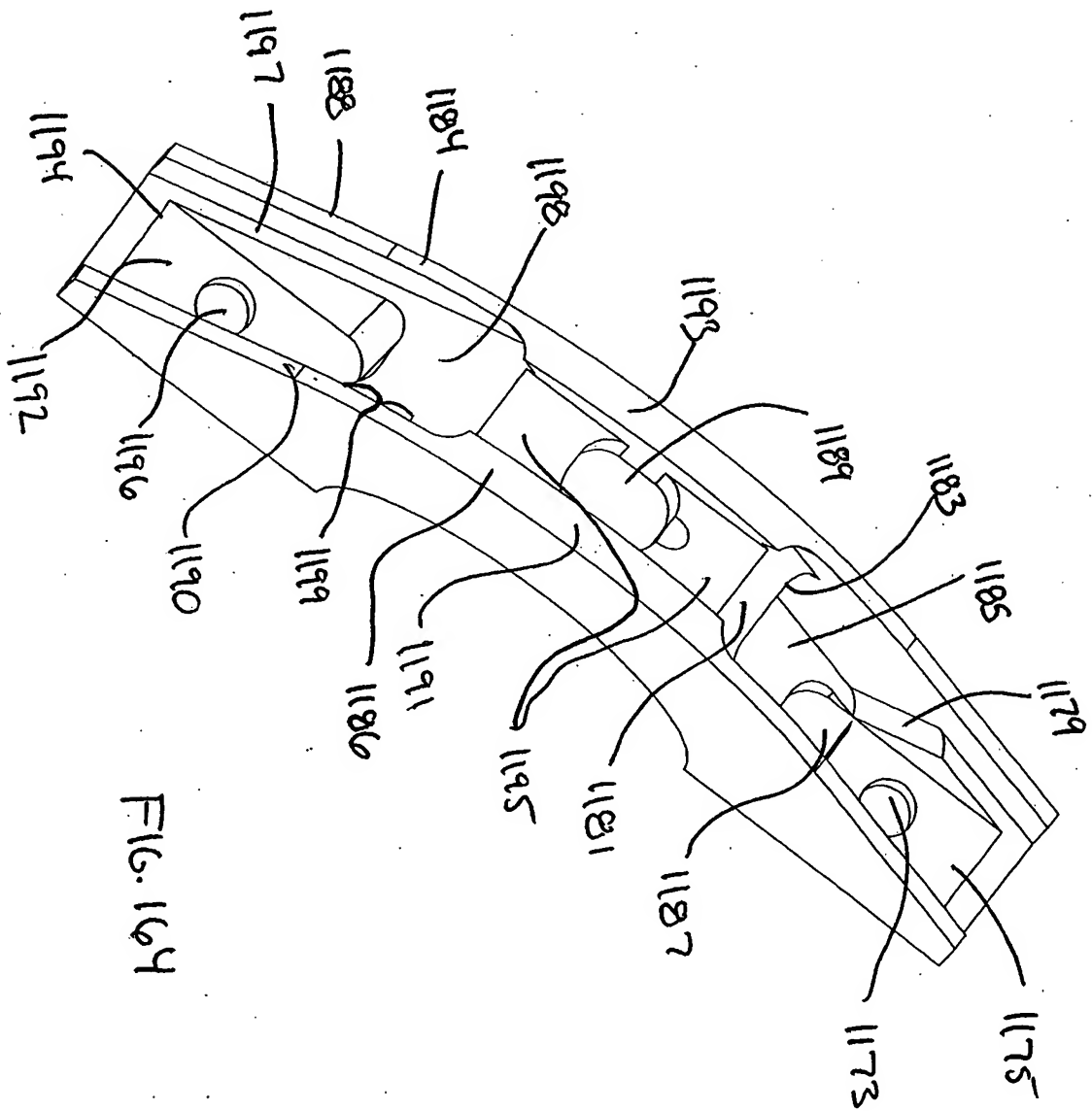


FIG. 164

Replacement Sheet

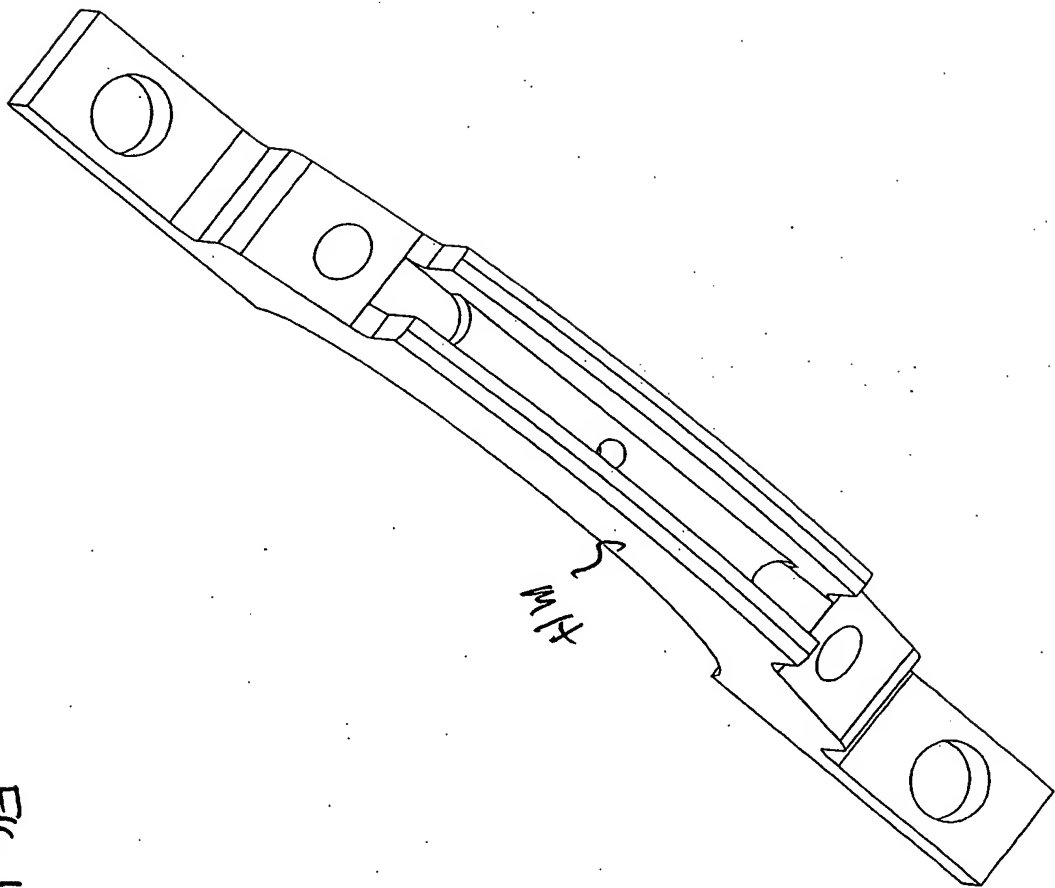


FIG. 164A

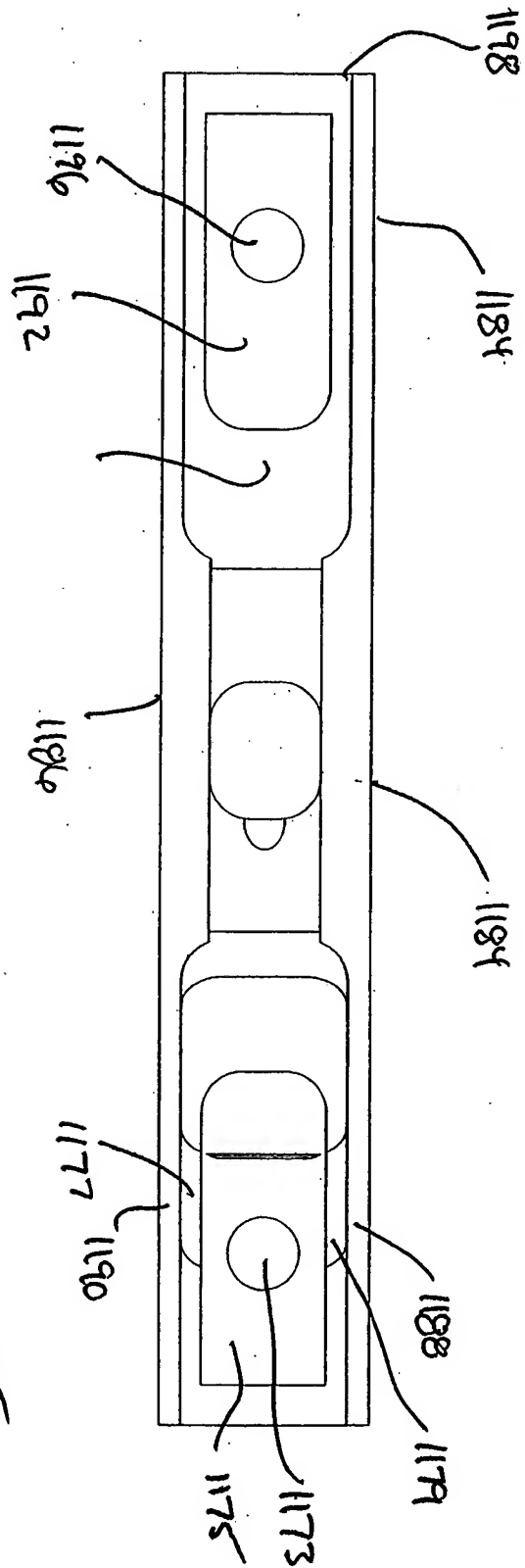


FIG. 165

Replacement Sheet

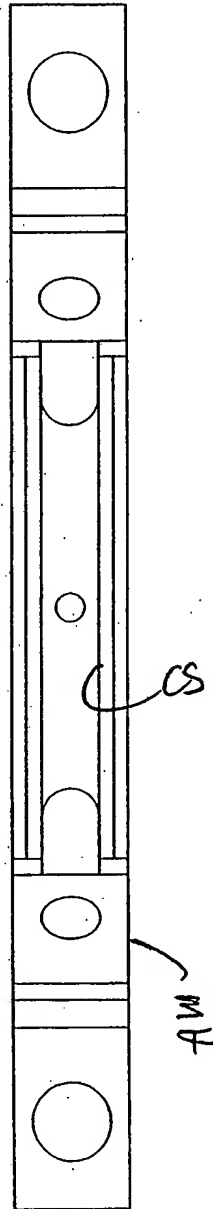


FIG. 165A

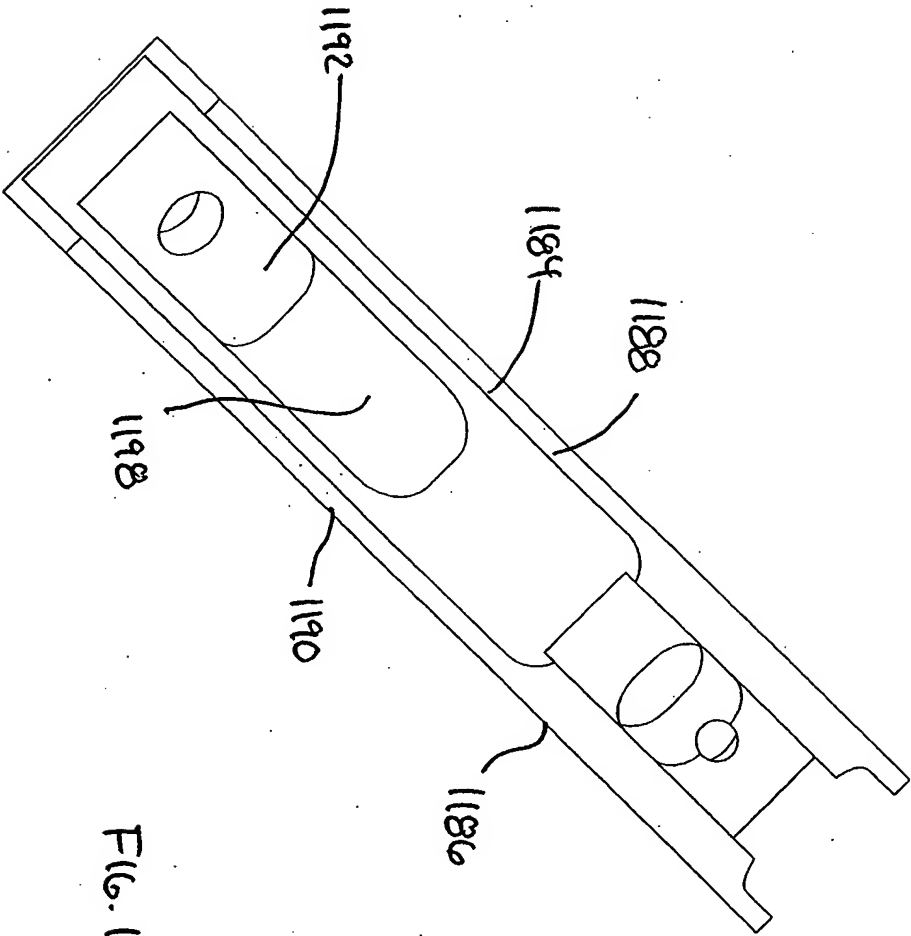


FIG. 16c

Replacement Sheet

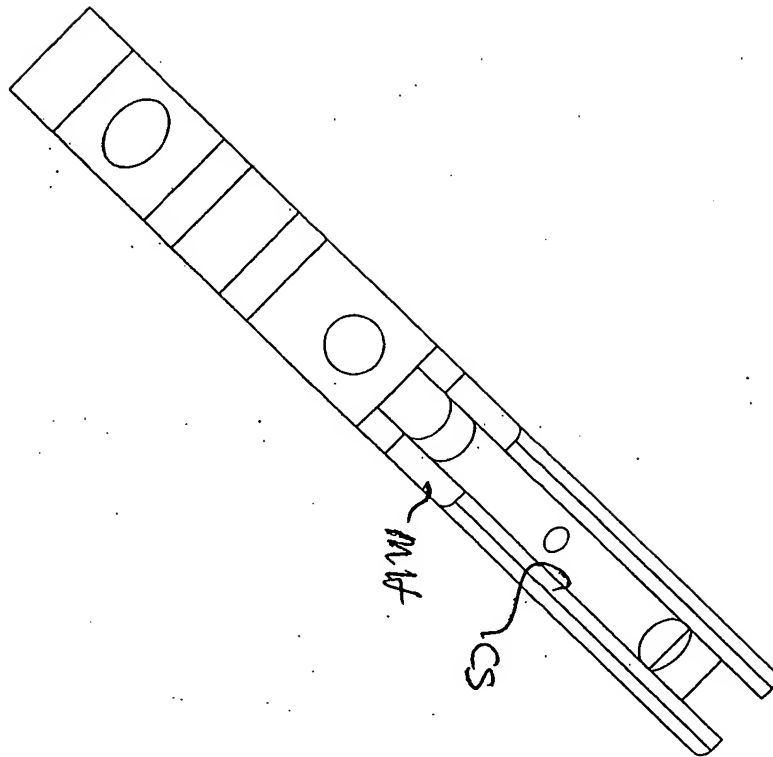


FIG. 1664

Replacement Sheet

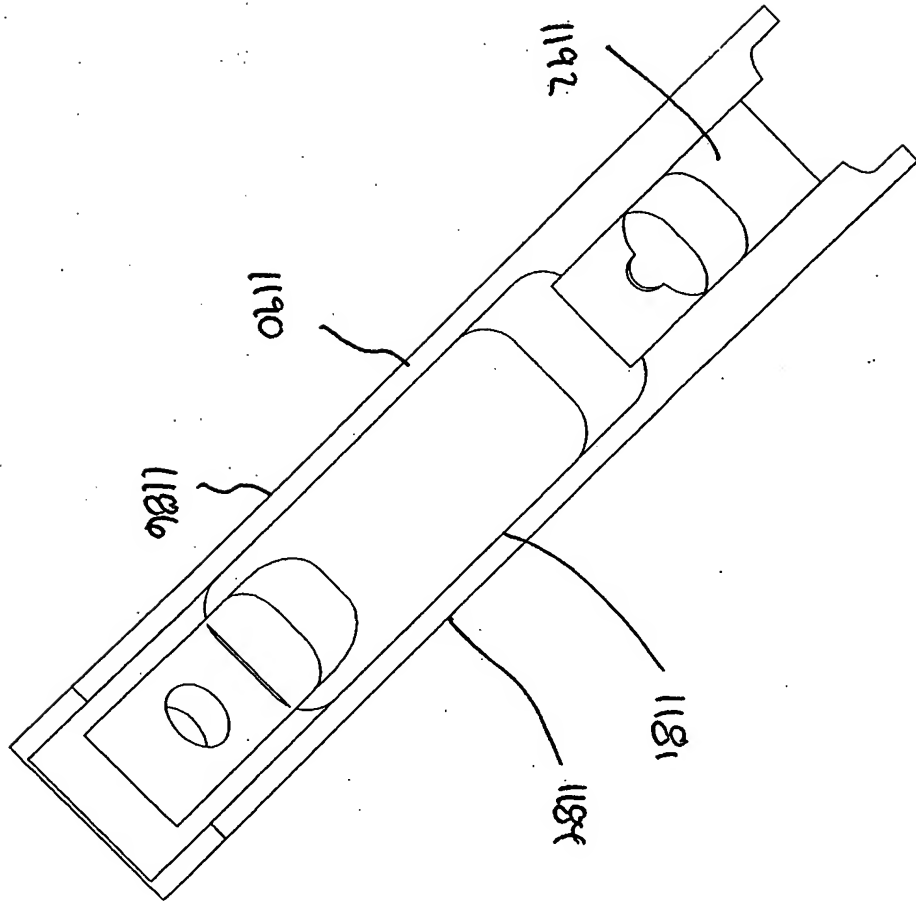


FIG. 167

Replacement Sheet

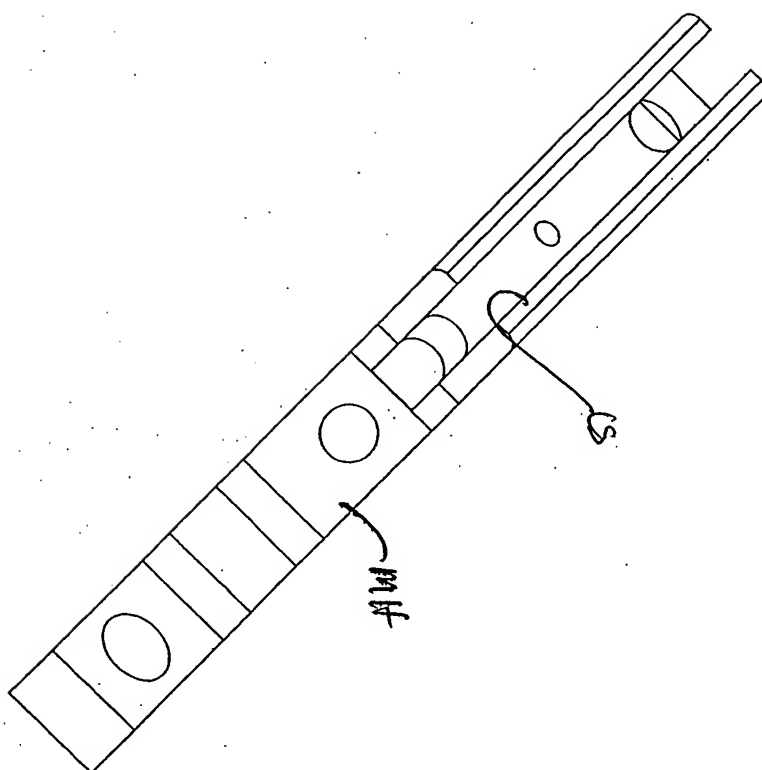
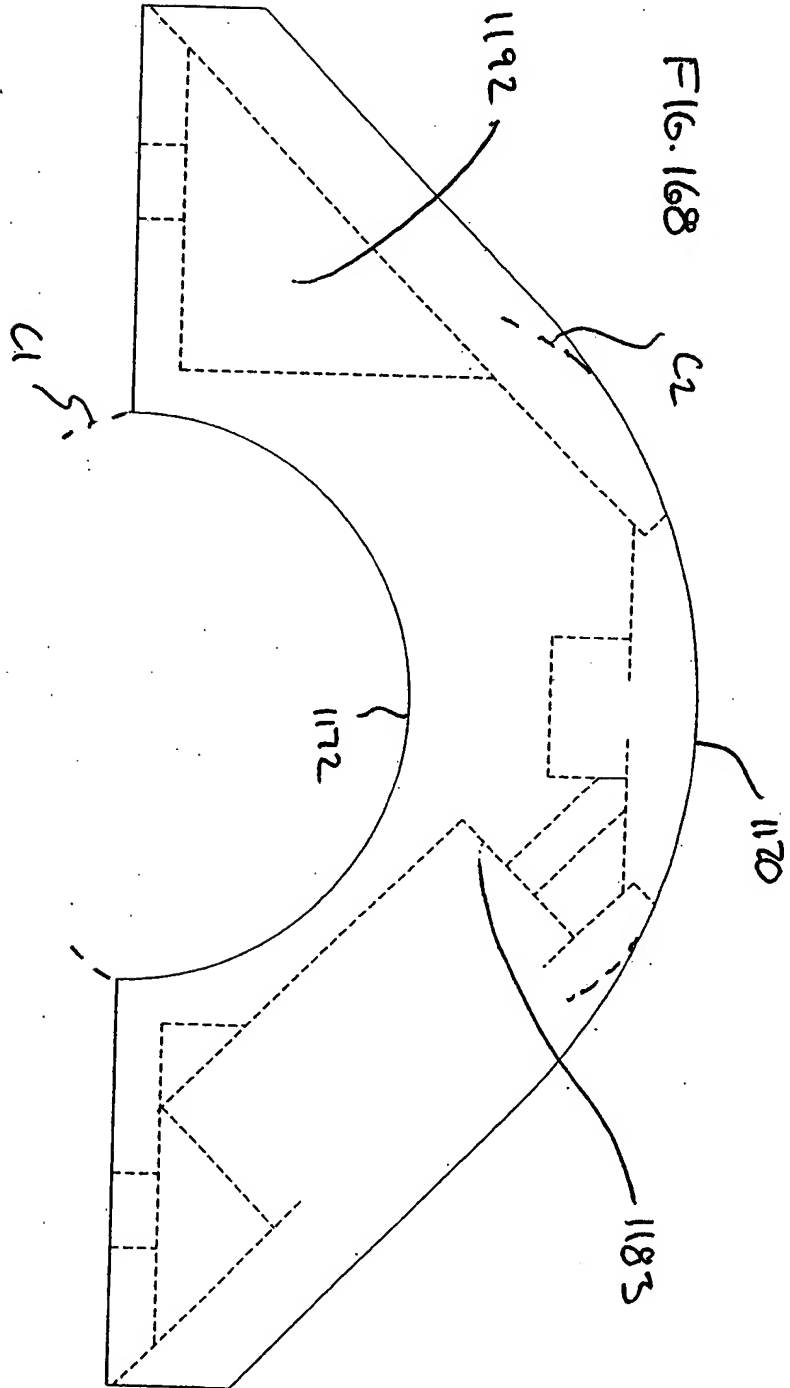


FIG. 1624

Replacement Sheet



Replacement Sheet

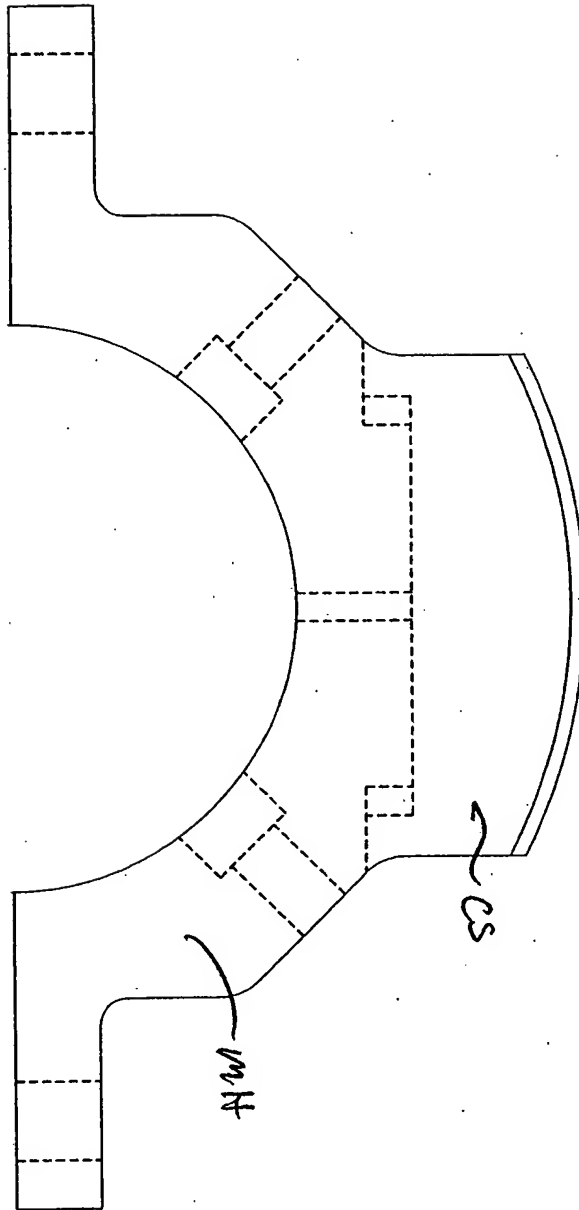


FIG. 1684

Replacement Sheet

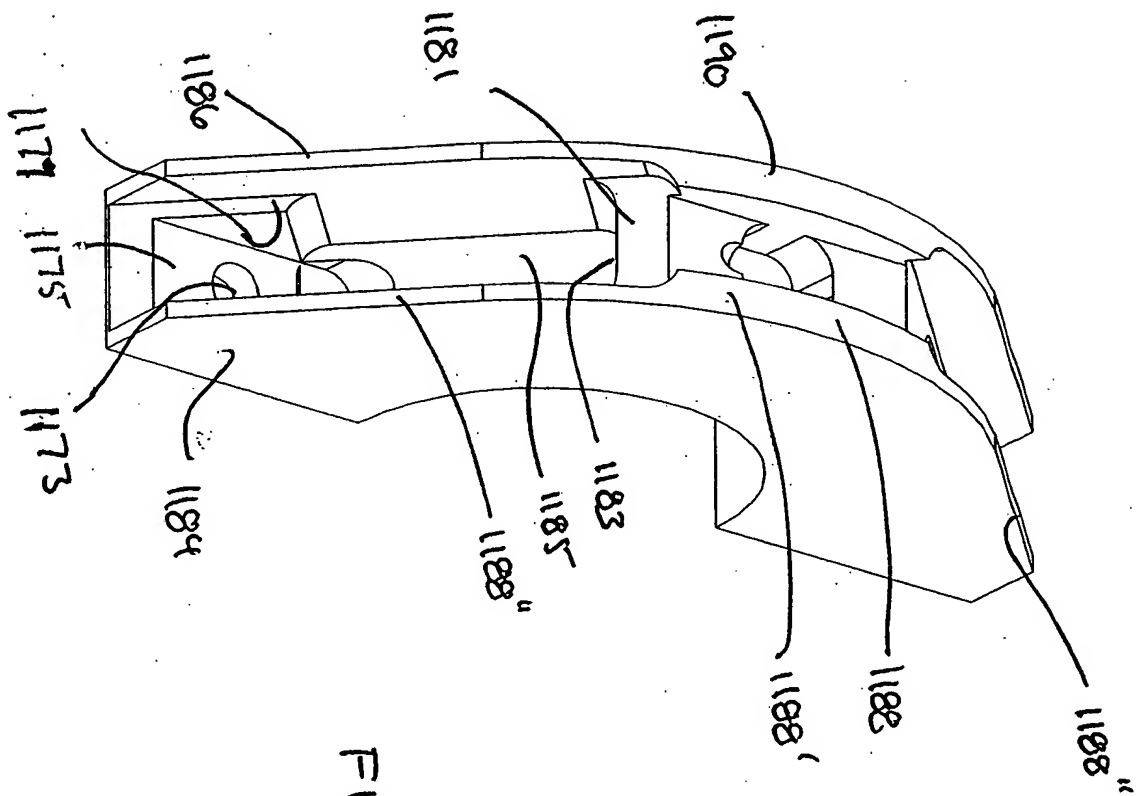


FIG. 169

Replacement Sheet

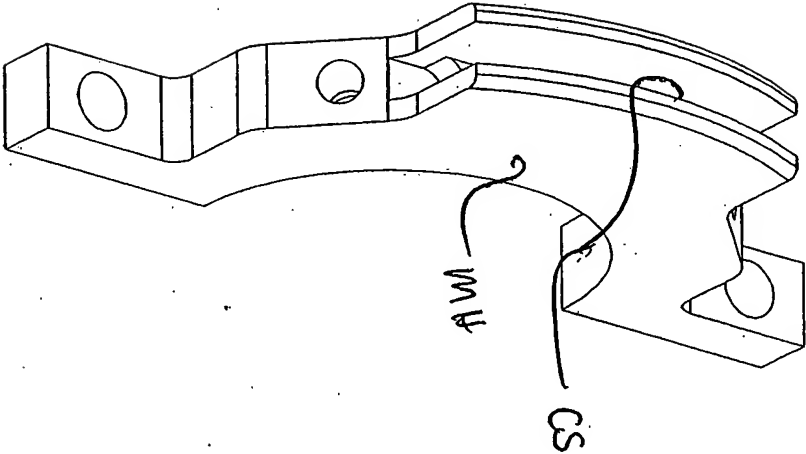


FIG. 1691A

Replacement Sheet

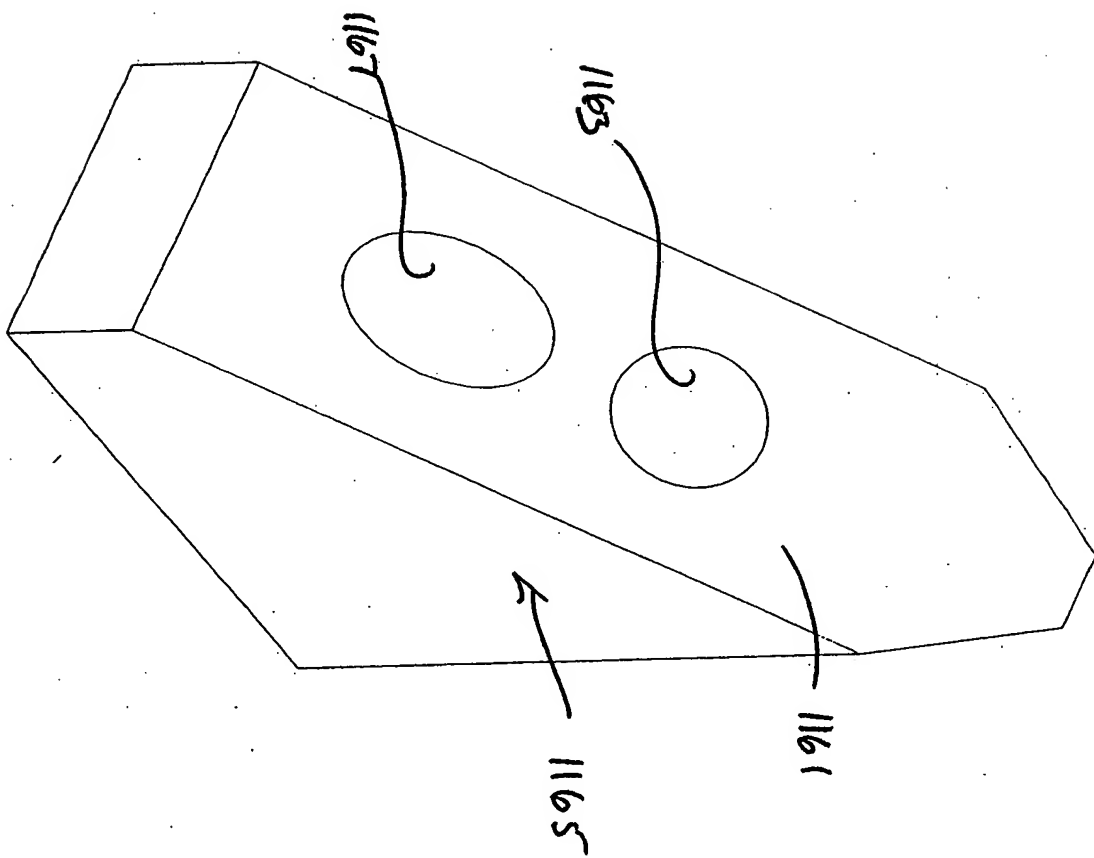


FIG. 170

Replacement Sheet

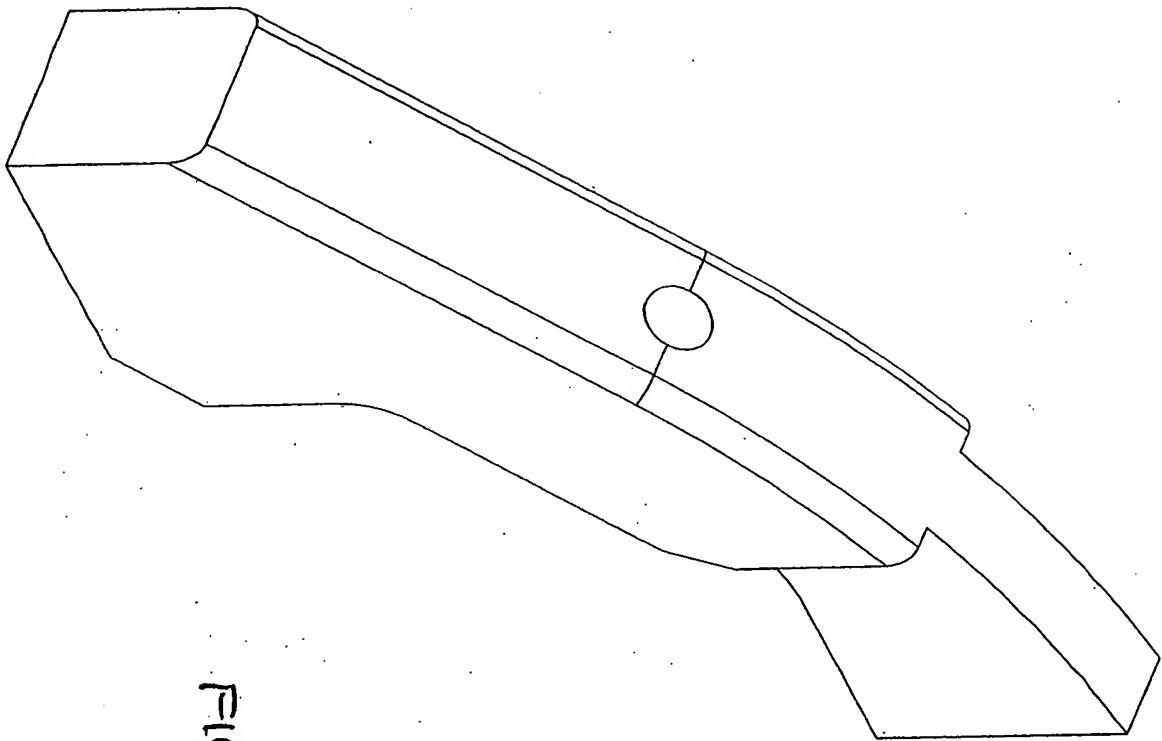
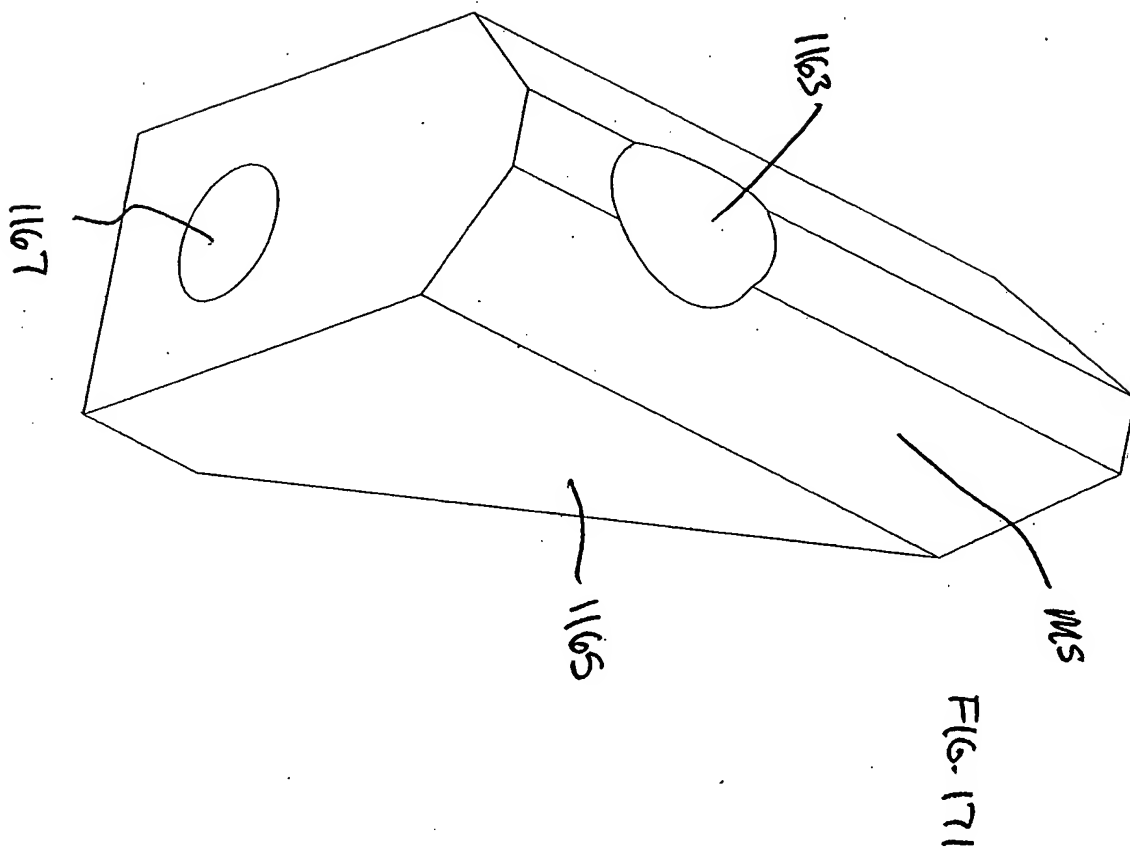


FIG. 1704

Replacement Sheet



Replacement Sheet

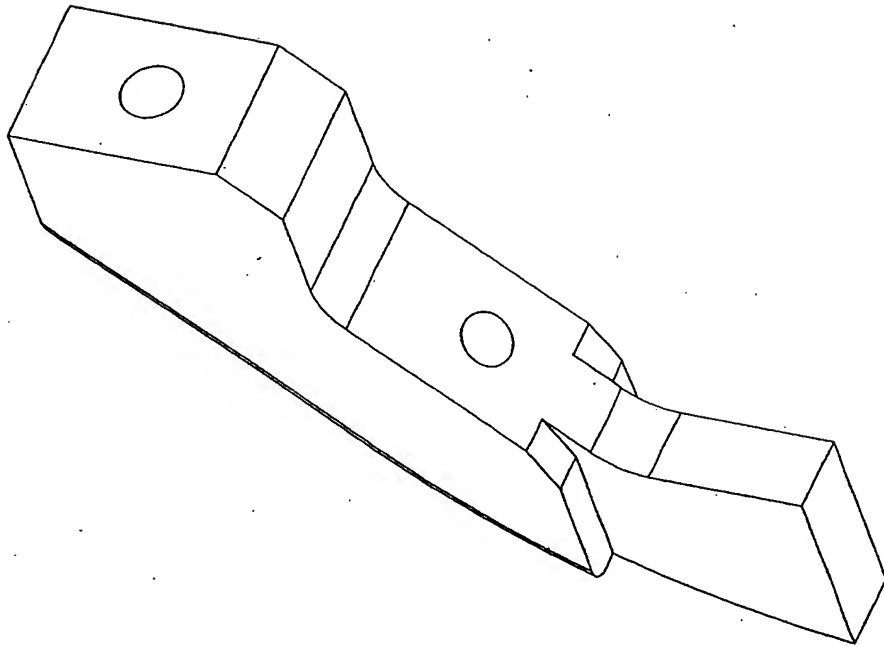


FIG. 1214

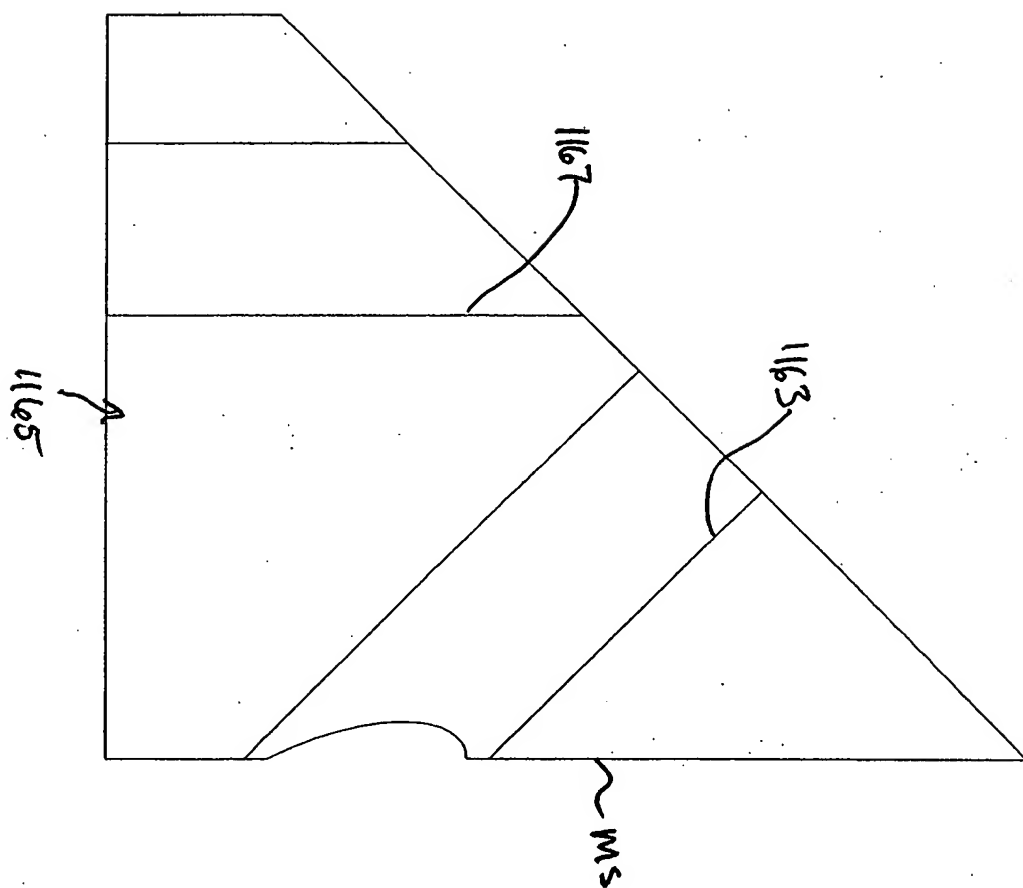


FIG. 172

Replacement Sheet

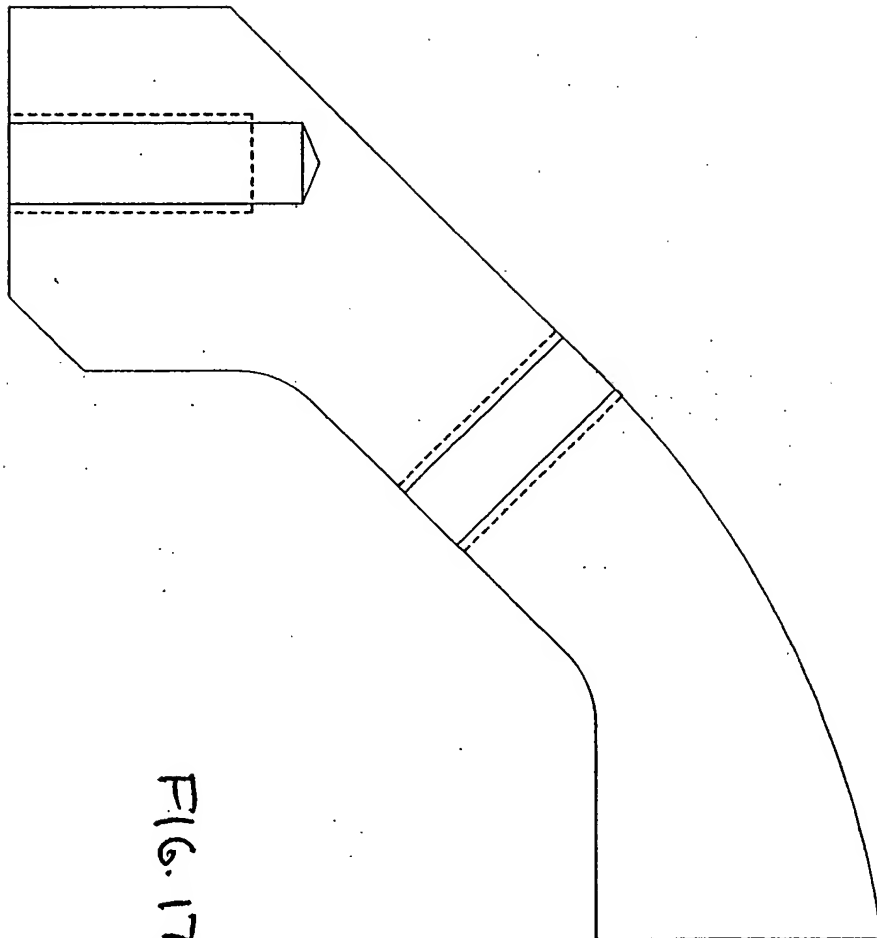


FIG. 1724

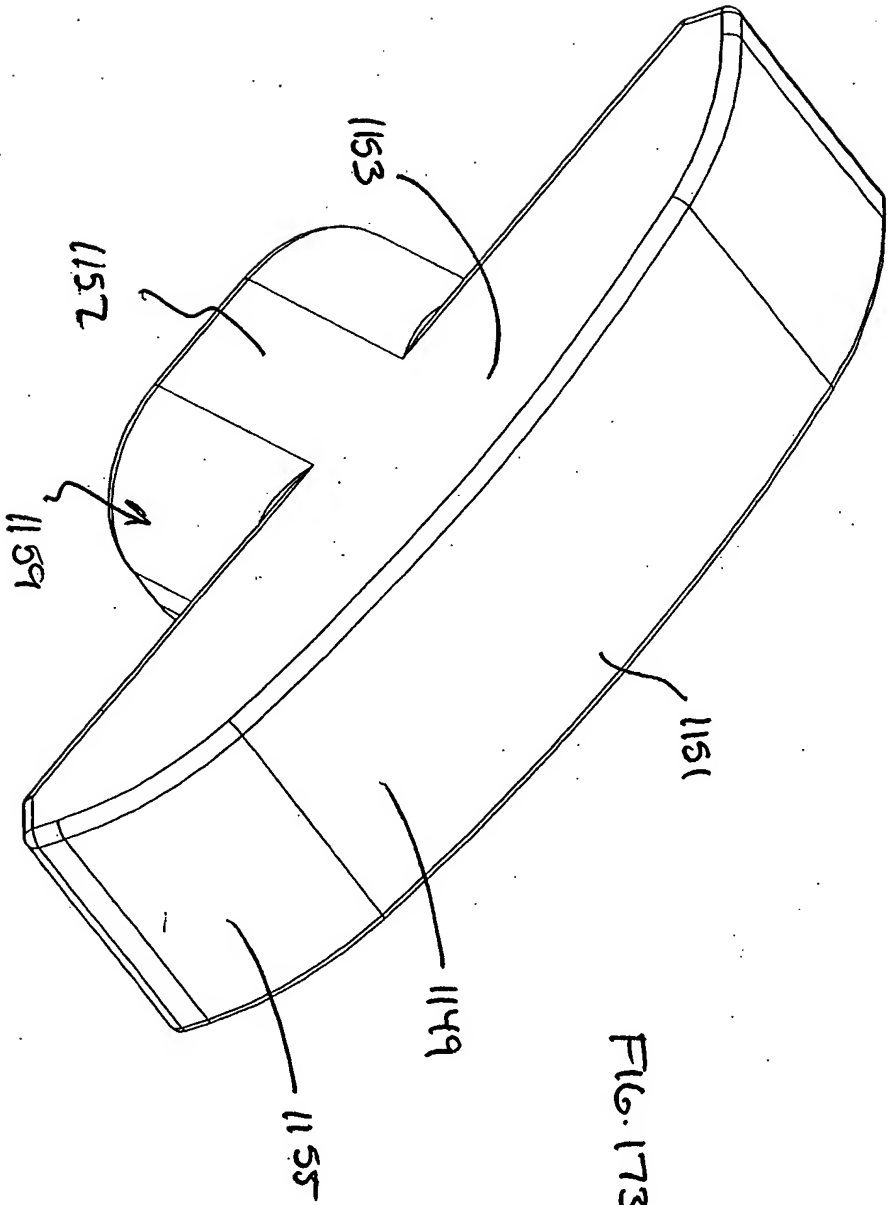
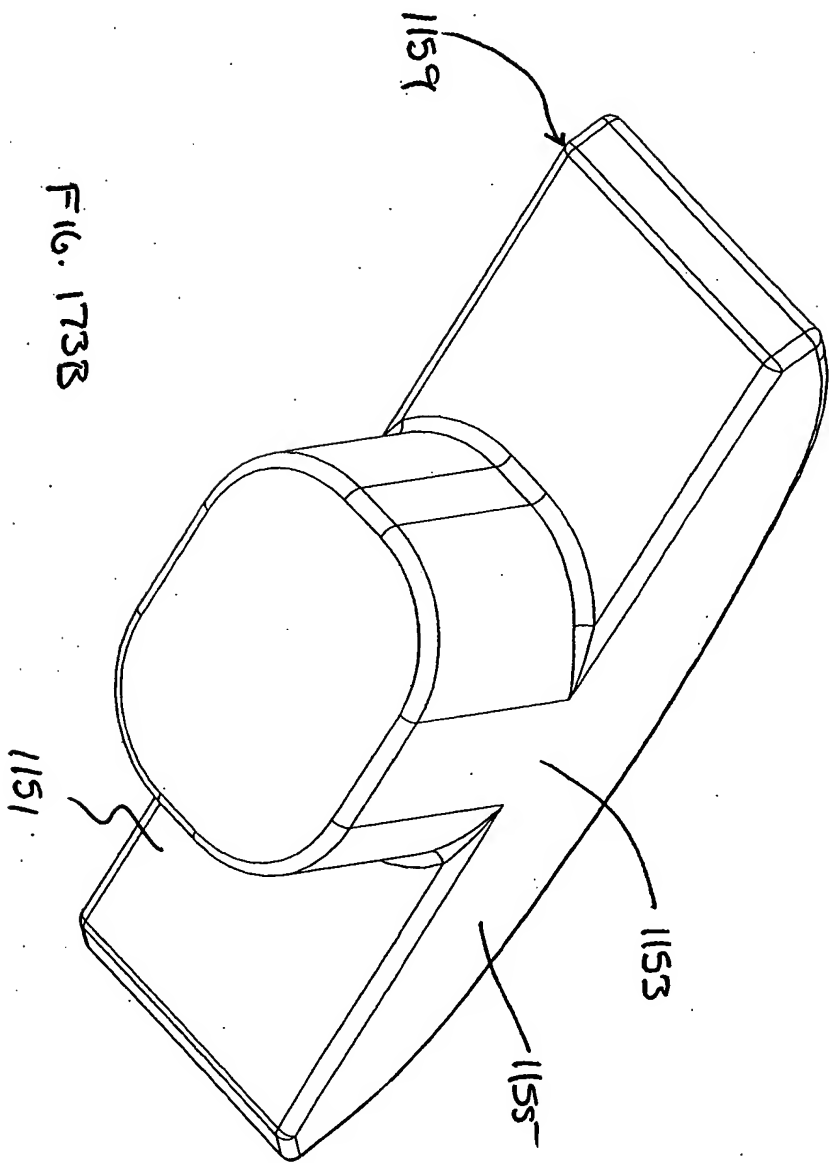


FIG. 173A



Replacement Sheet

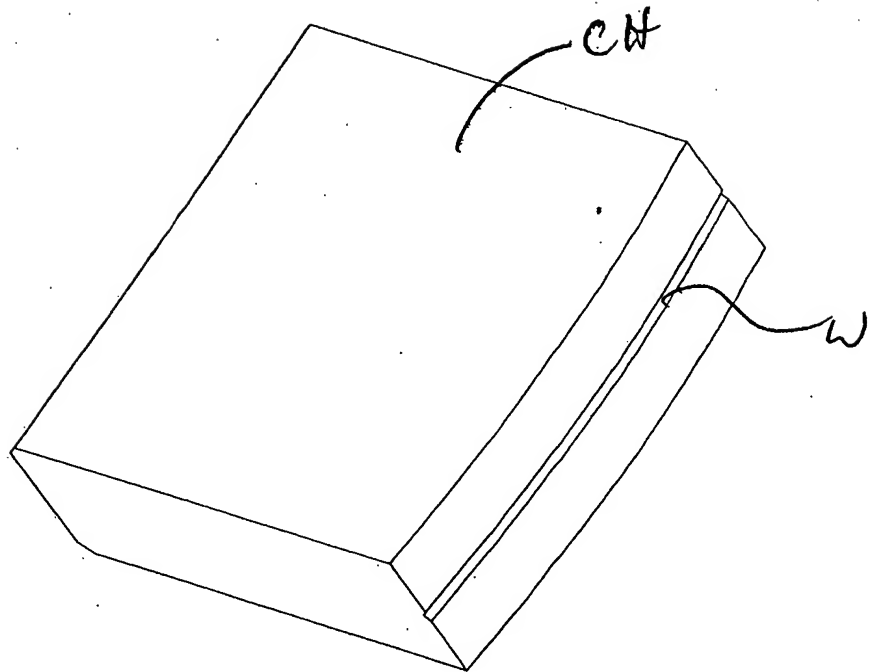


FIG. 173C

Replacement Sheet

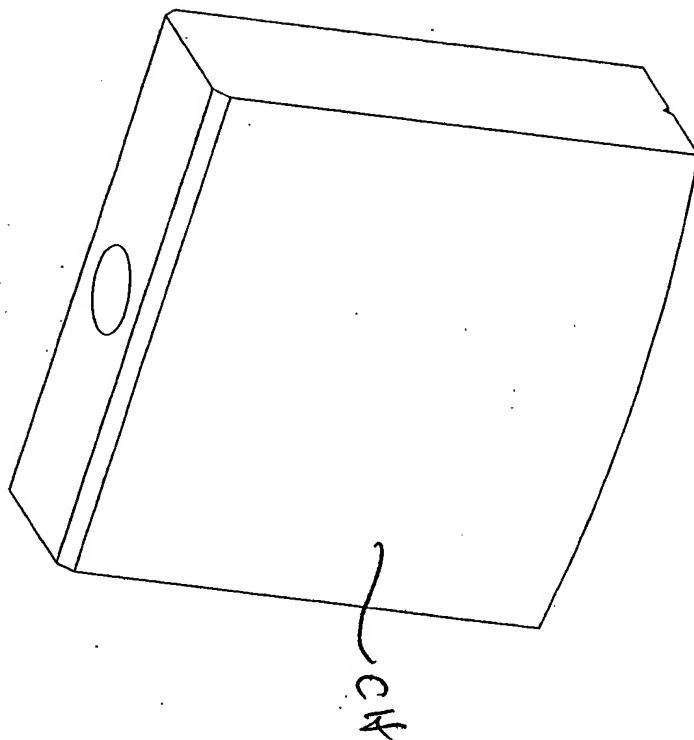
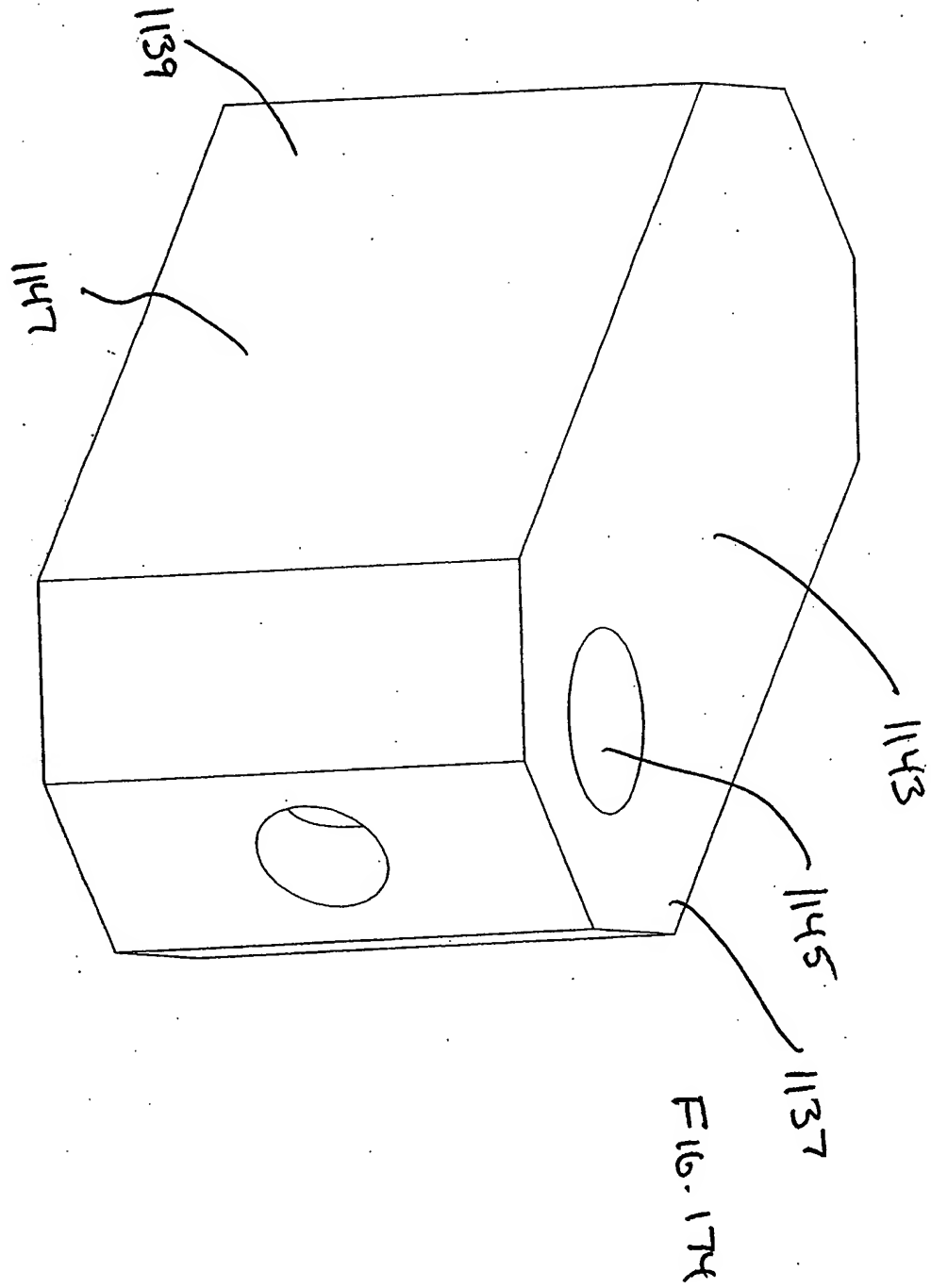


FIG. 173D

Replacement Sheet



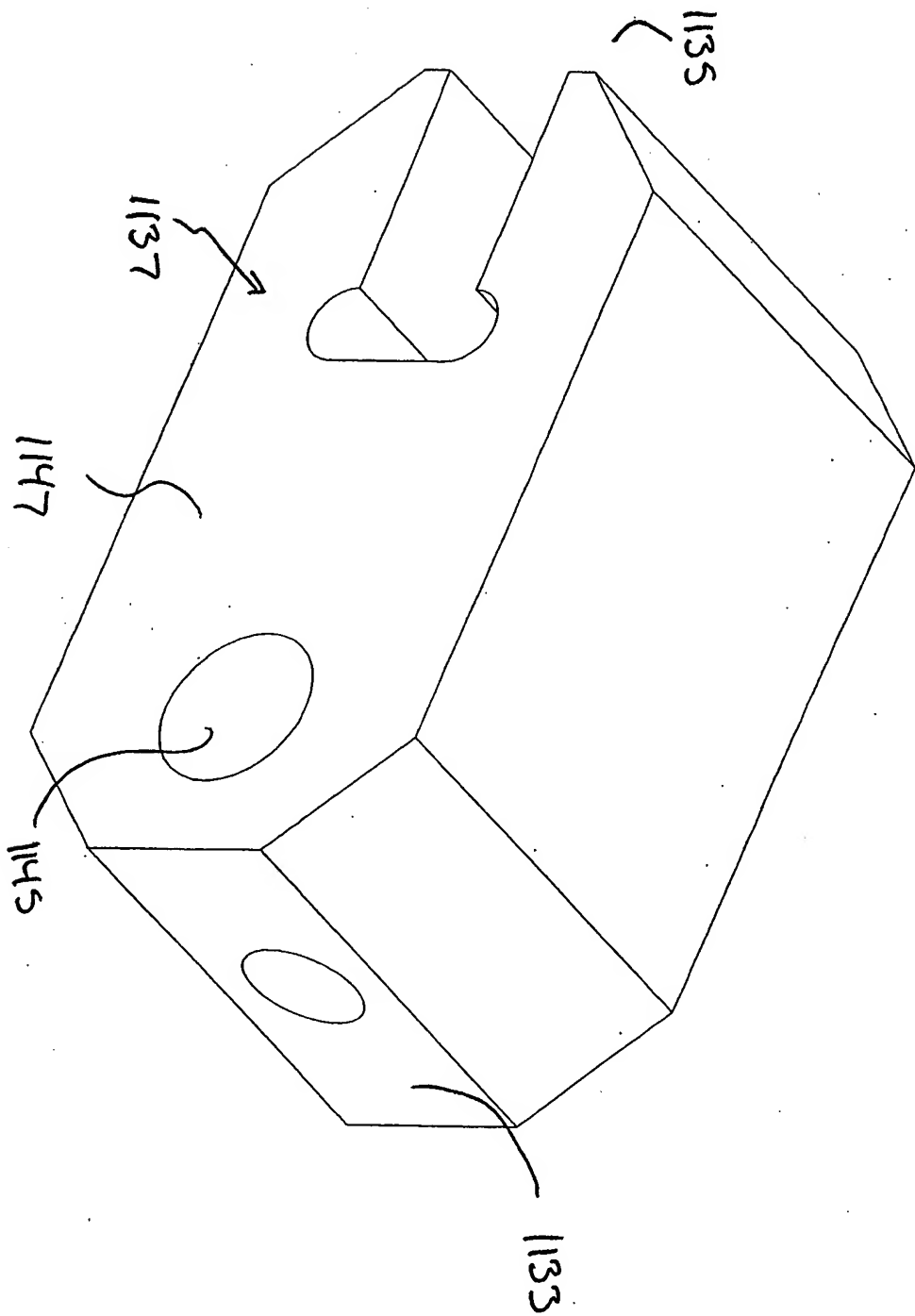


FIG. 175

Replacement Sheet

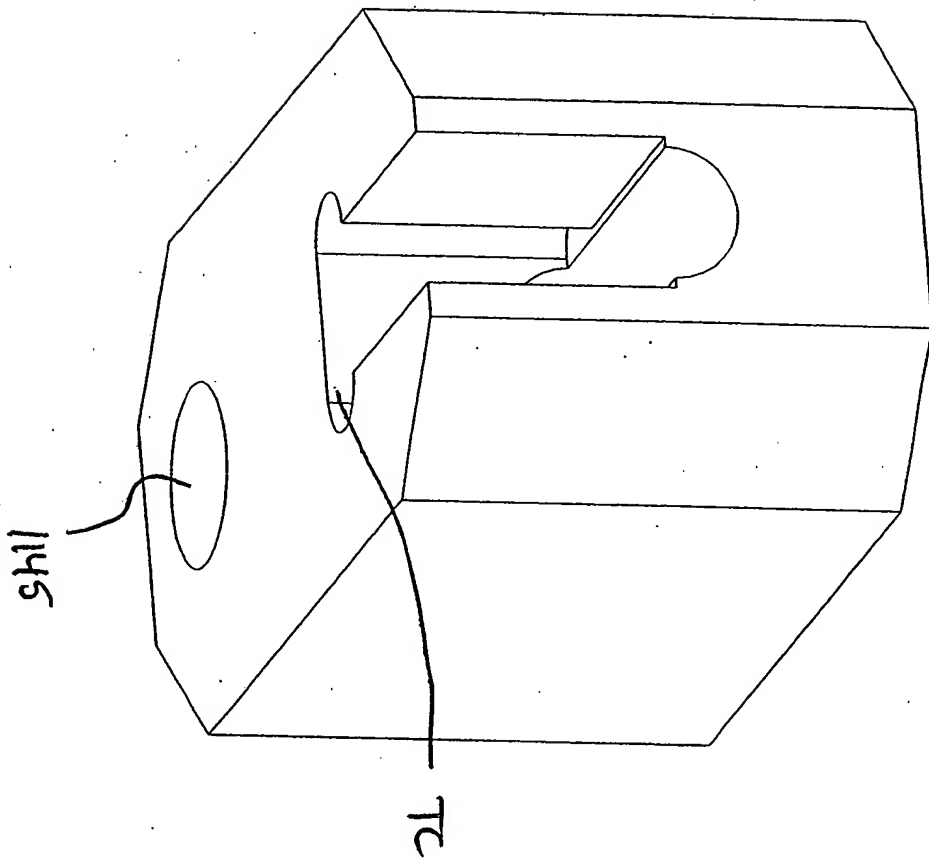


FIG. 17c

Replacement Sheet

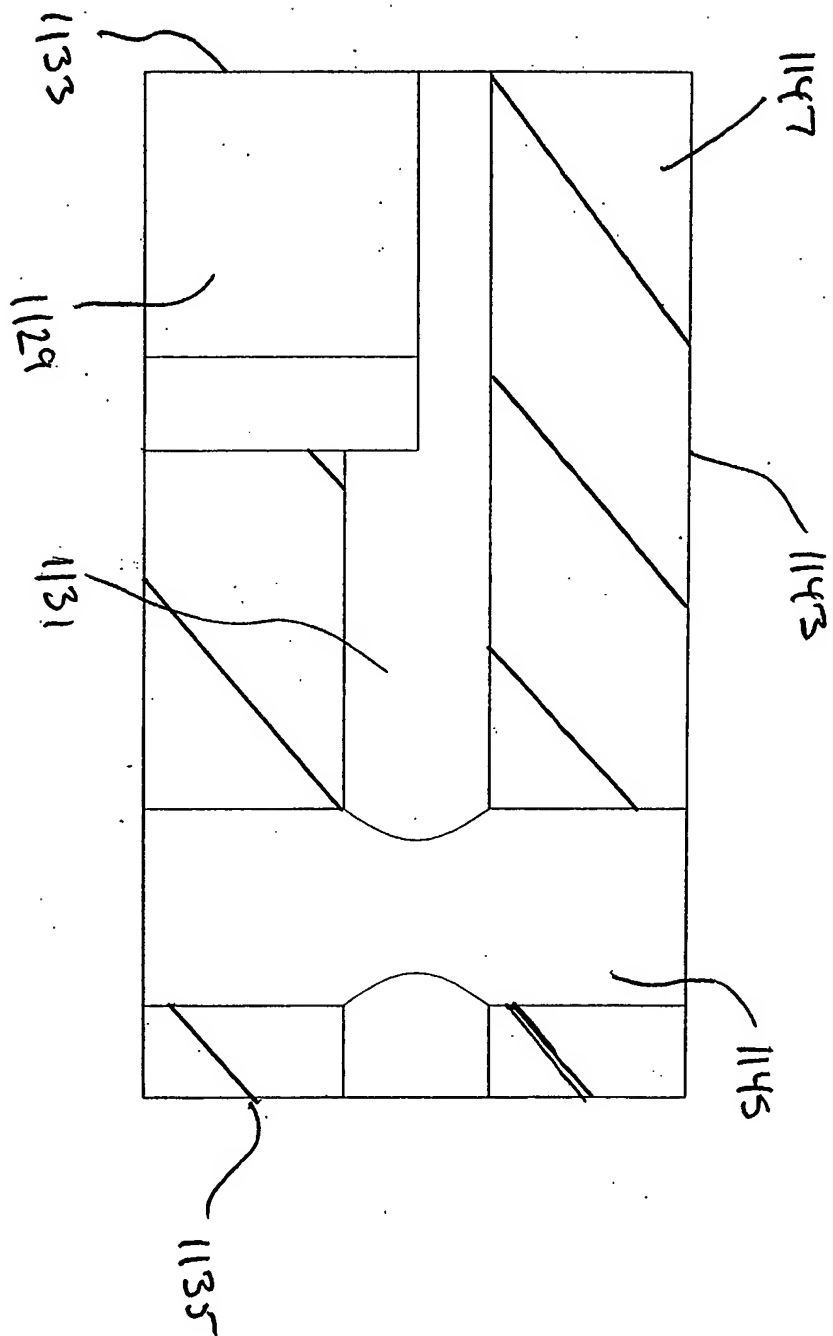


FIG. 177

Replacement Sheet

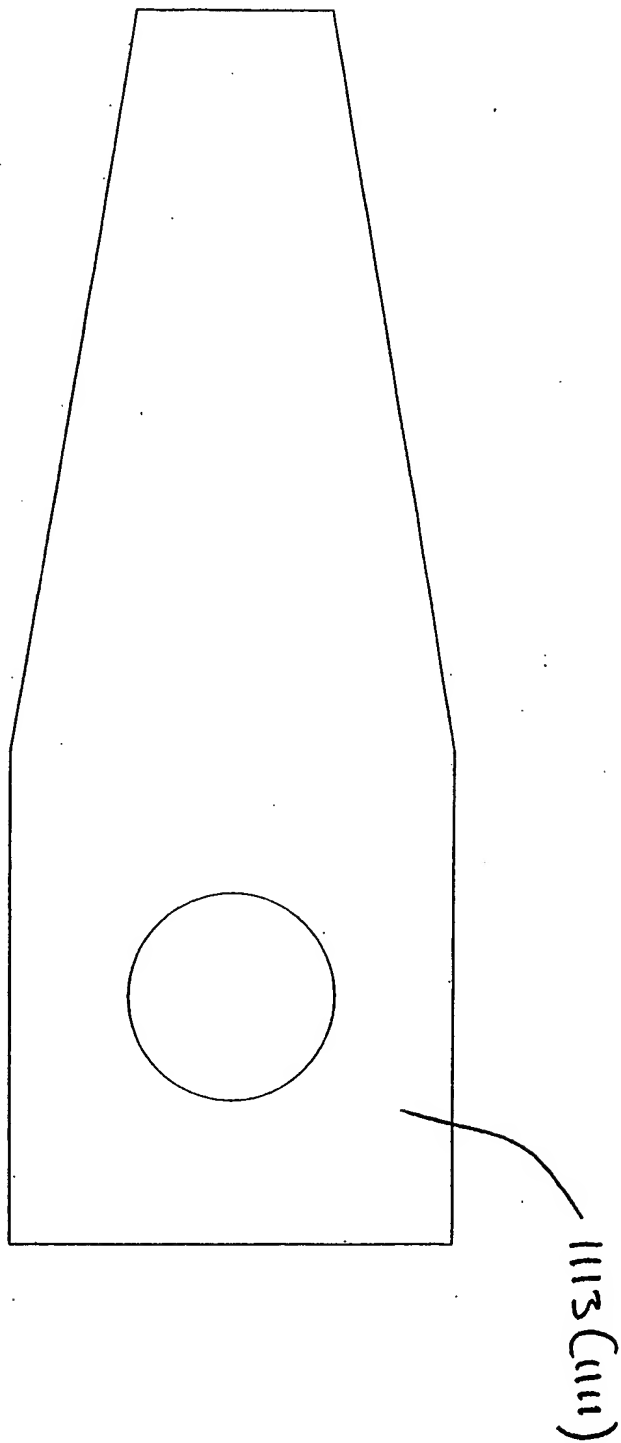


FIG. 178

Replacement Sheet

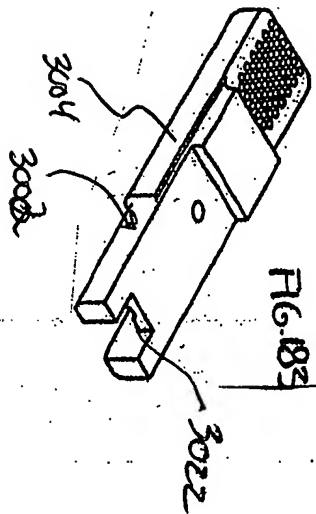
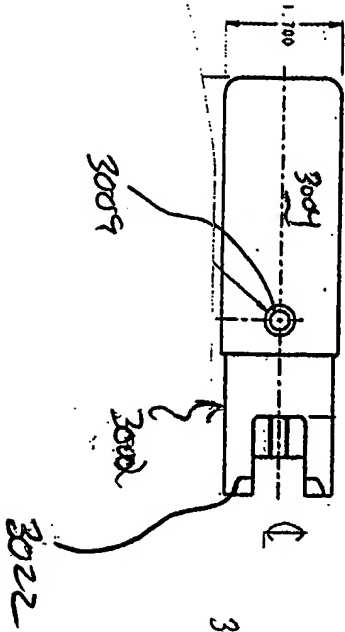
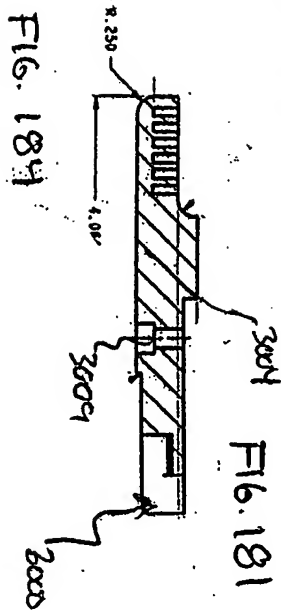
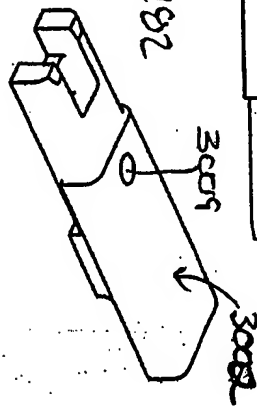
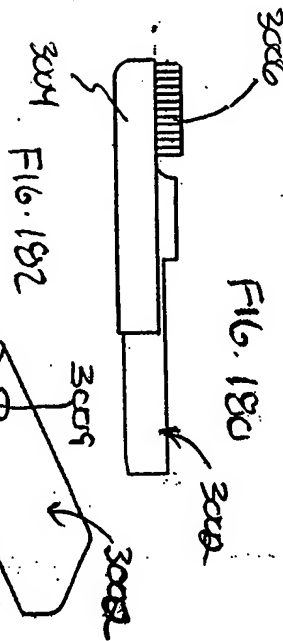
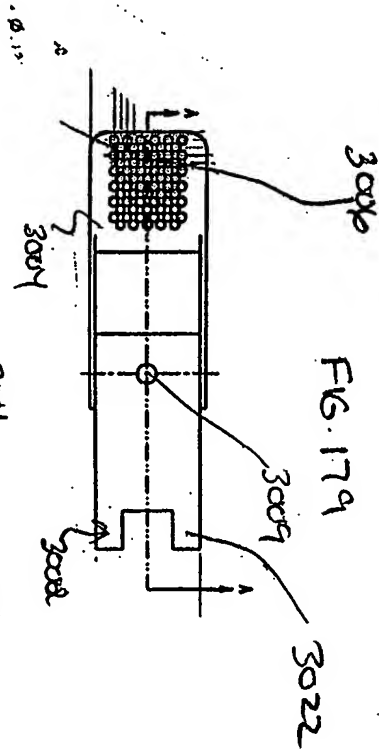


FIG. 18b

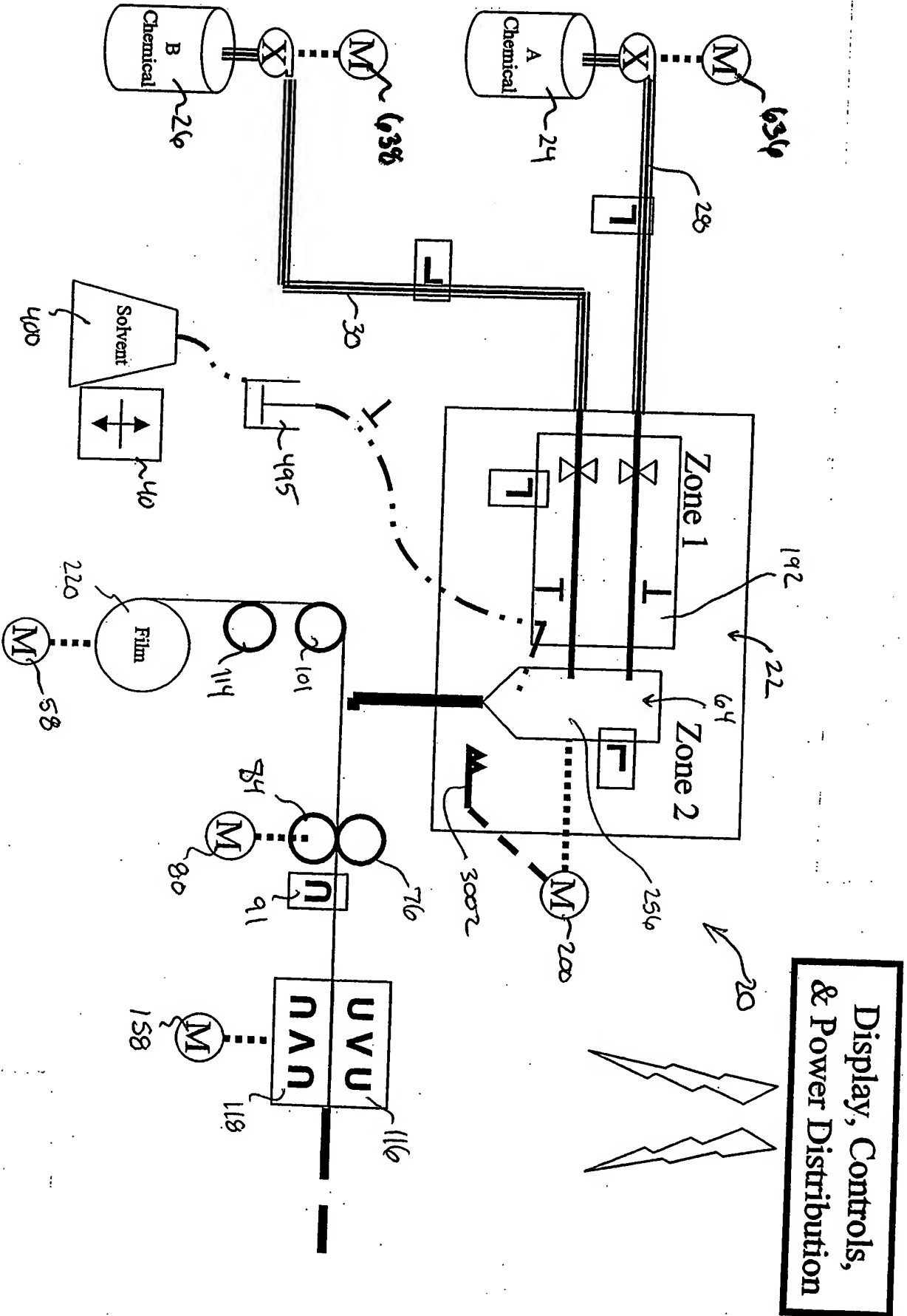





Fig. 1864

Legend


 = Motor

 = Linkage

 = Pump

 = Pump Shaft/Hose


 = Heating element (all orientations)

 = Filter

 = Pressure Transducer (all orientations)


 = Tip Cleaning Brush


 = Solvent Pump

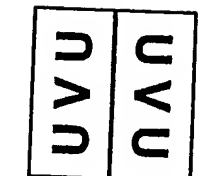
 = Level Sensor

 = Mixing Module +

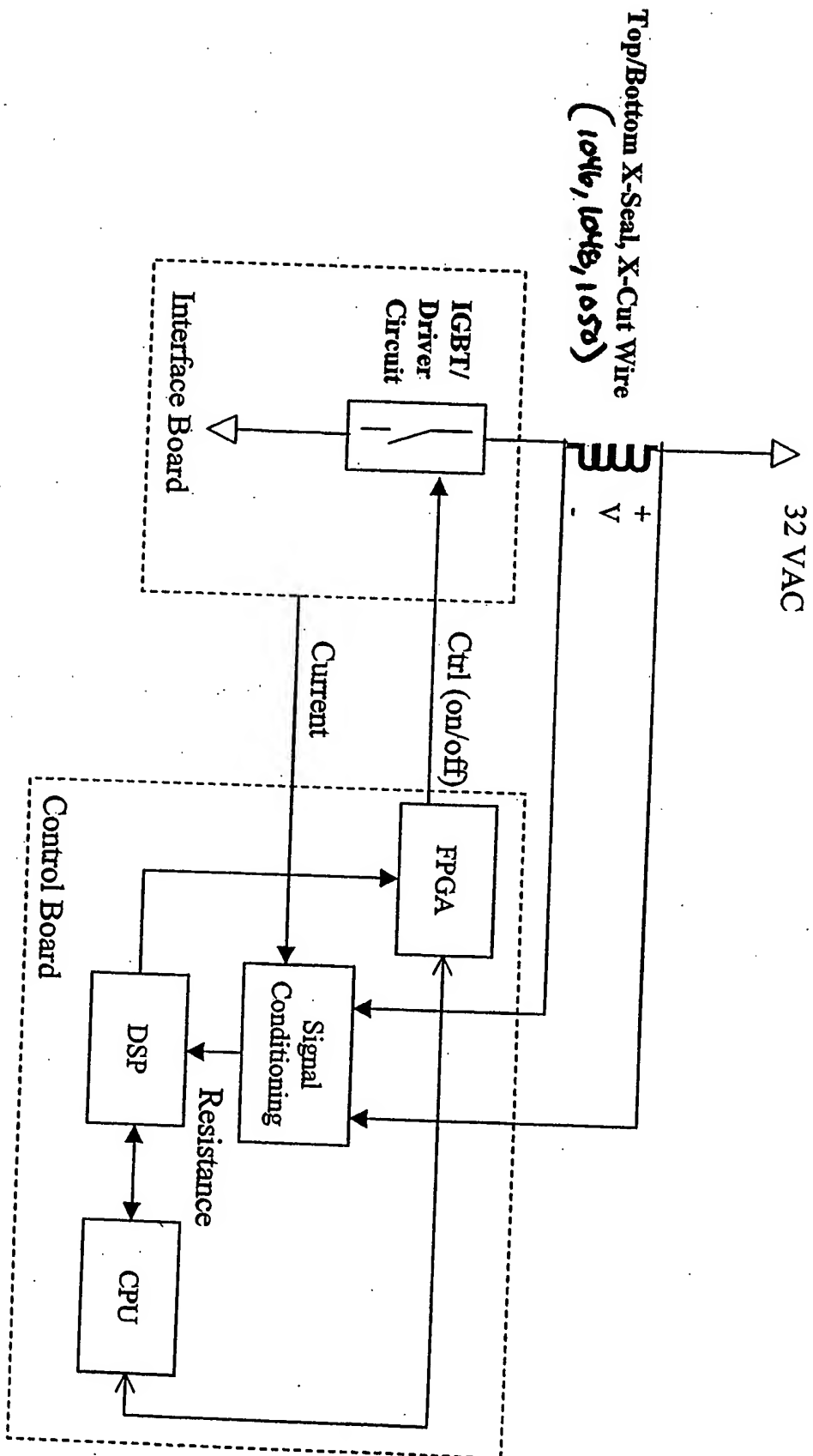
 = Idle Roller

 = Nip Rollers

 = Edge Seal Wire

 = Jaw Assembly
(X-seal, X-cut,
X-seal)

Top/Bottom X-Seal, X-cut



FL 187

Edge Seal

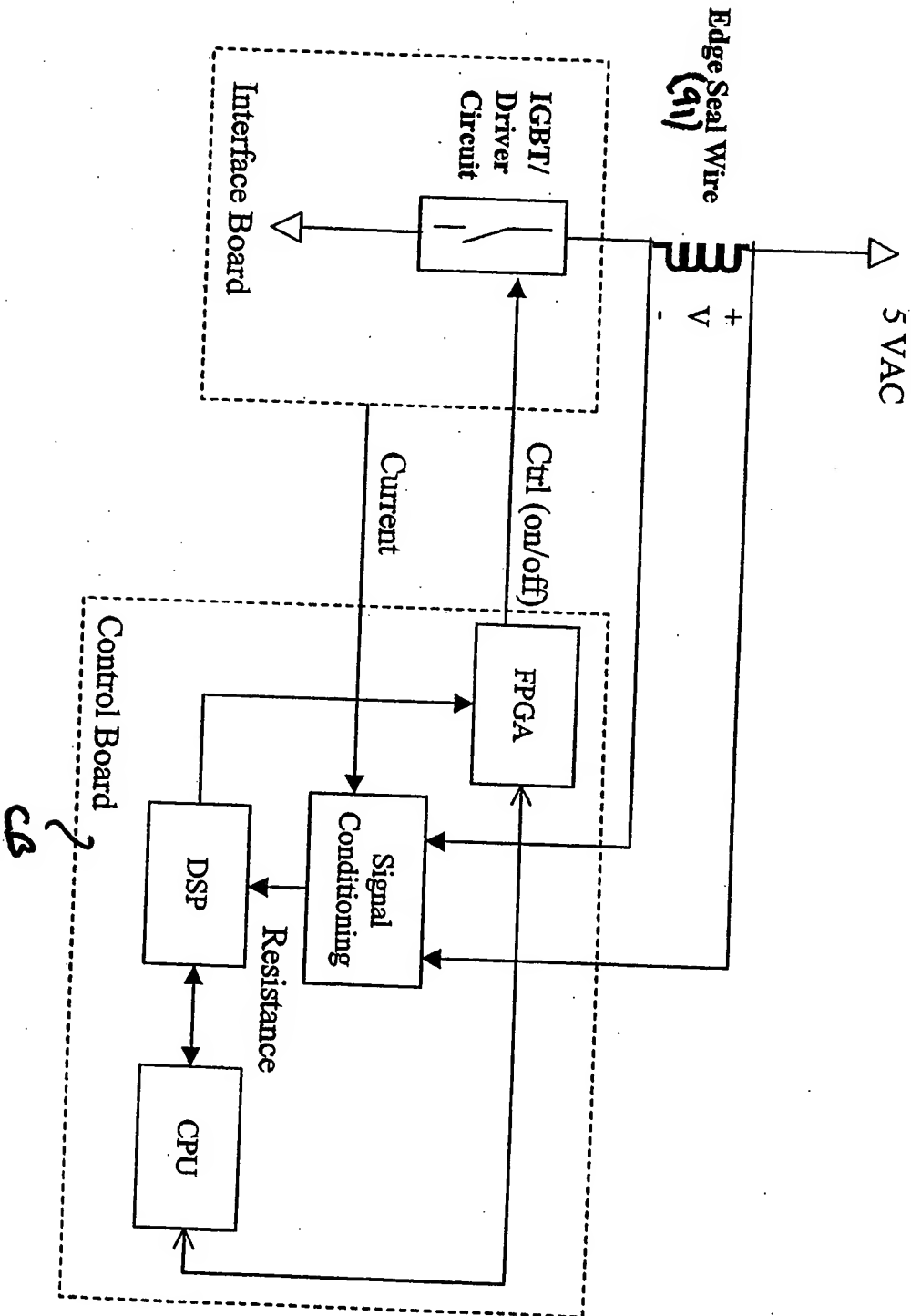


FIG. 188

Moving Jaw

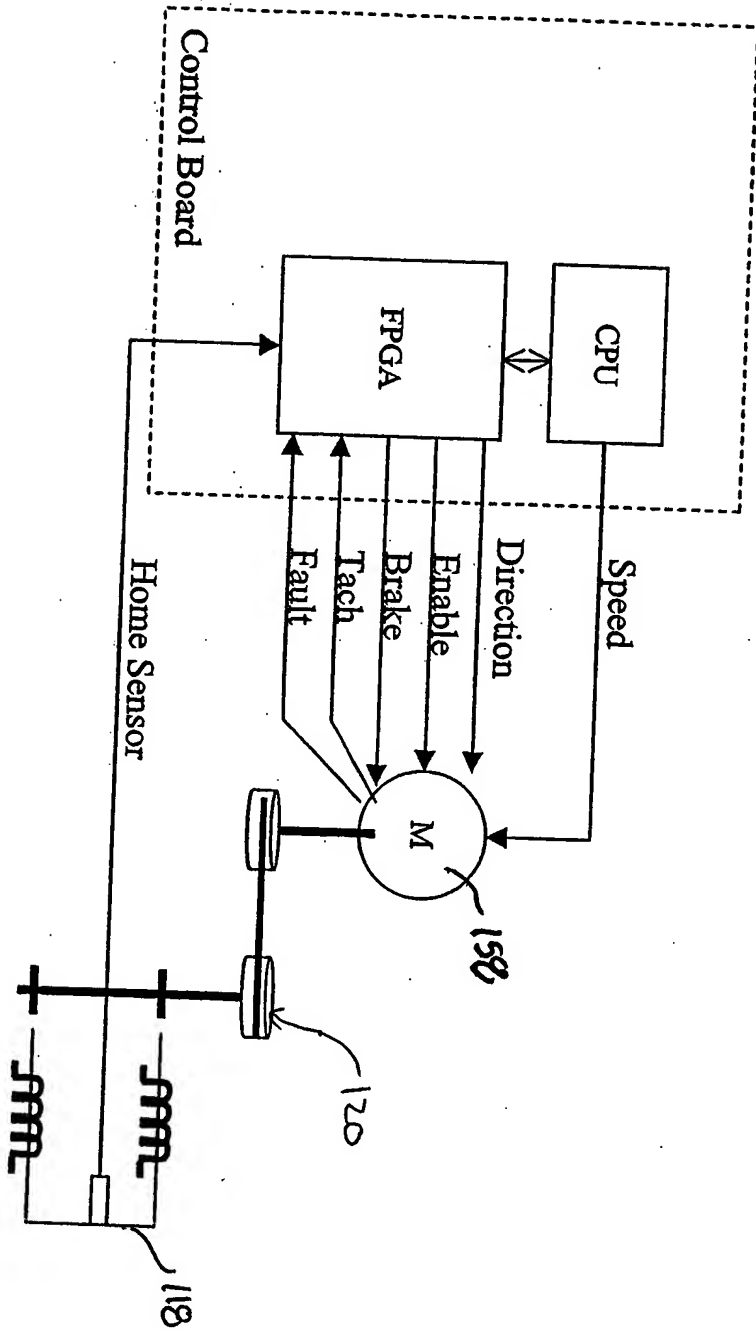


FIG. 189

Chemical Dispensing/Tip Cleaning

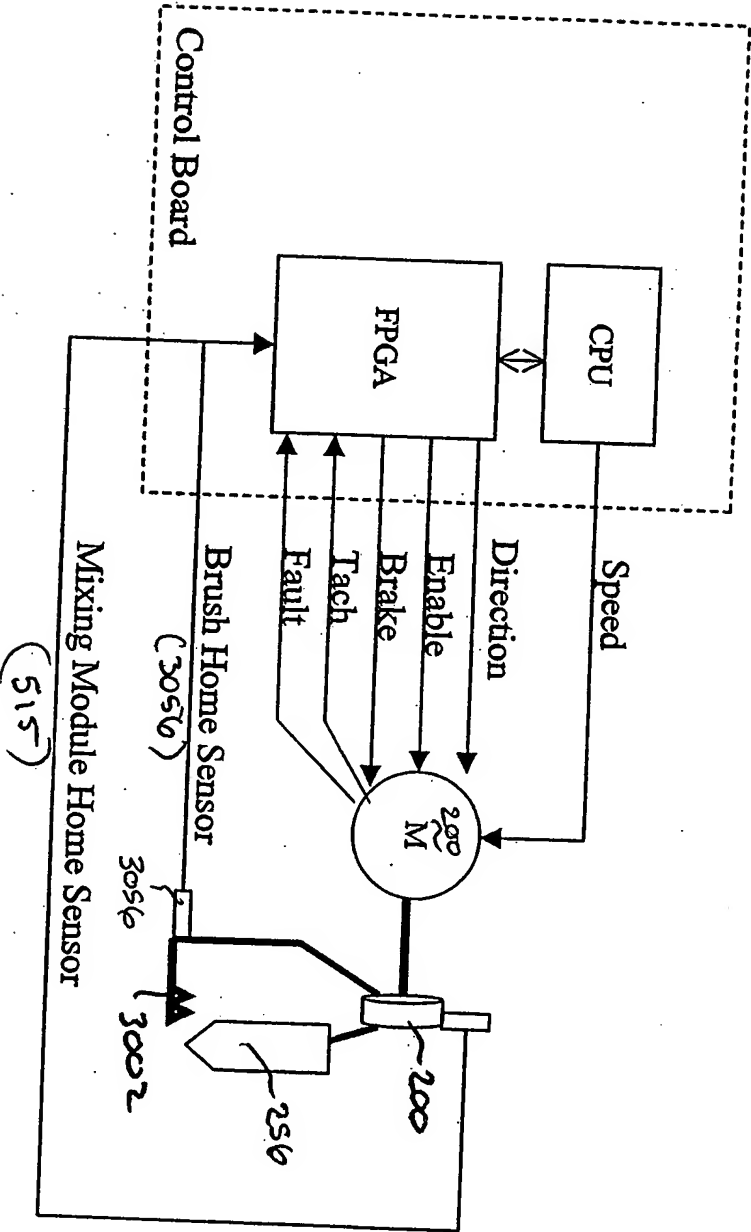


FIG. 190

Film Advance/Tracking

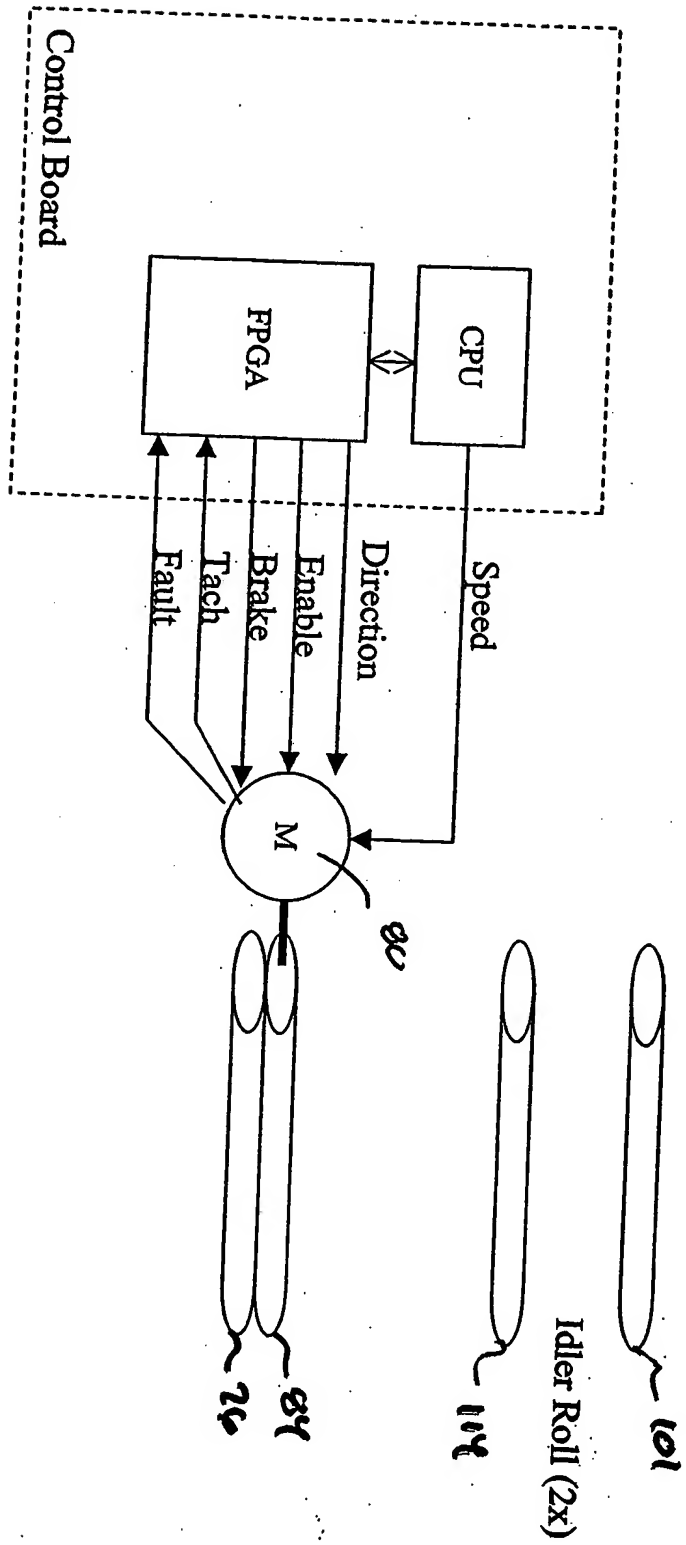


FIG. 191

Film Tension

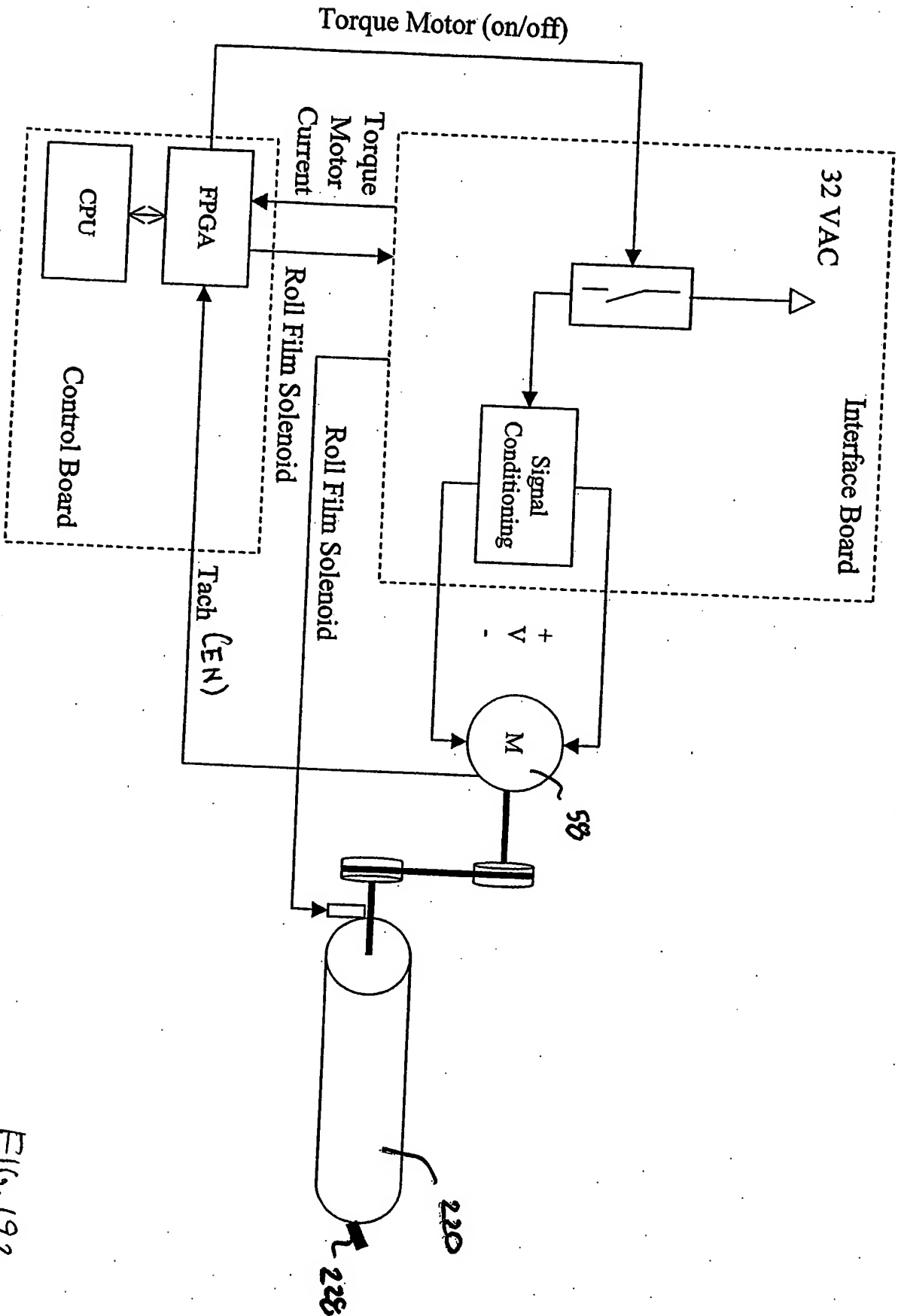
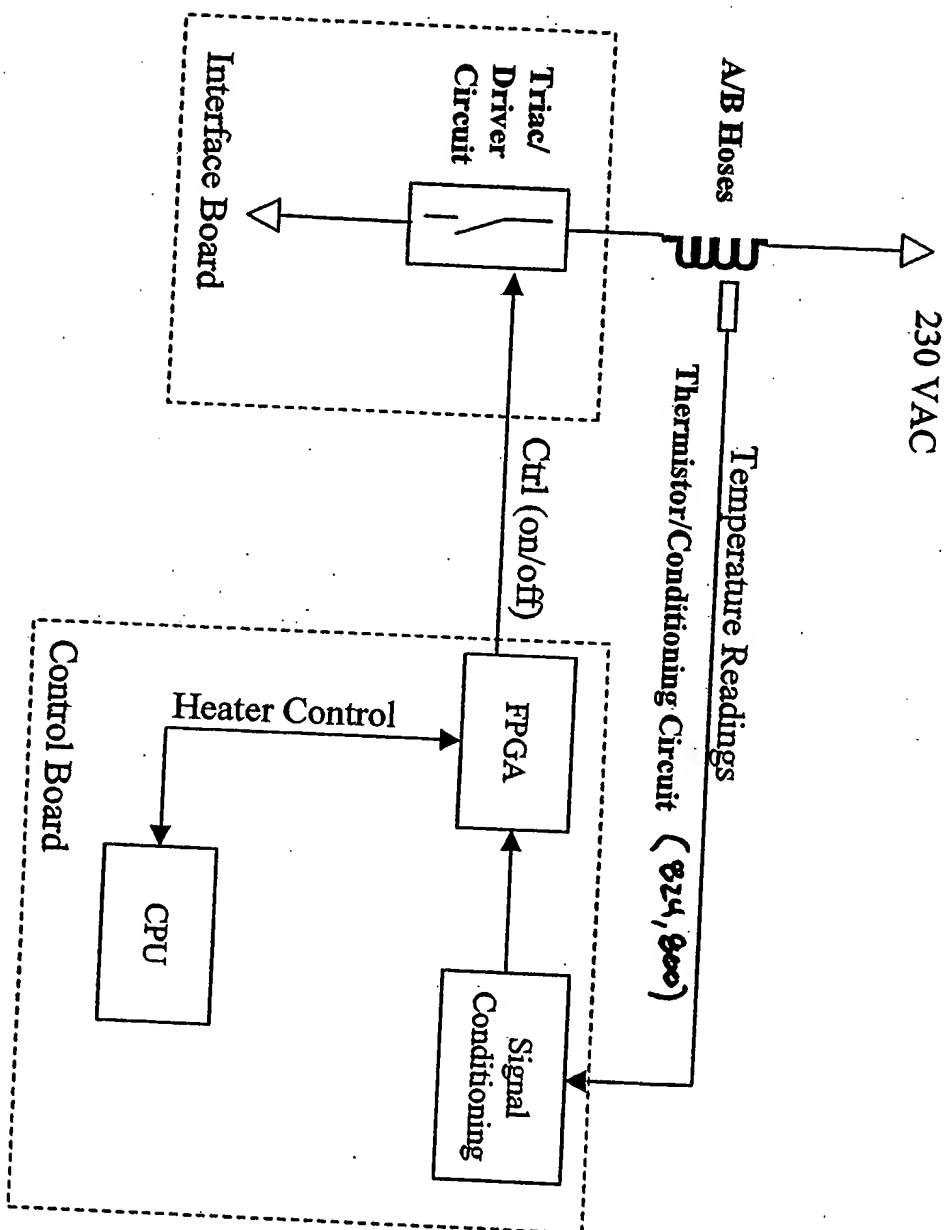


FIG. 192

Chemical Temperature Control (Hoses)



F16.193

Chemical Temperature Control (Manifold Zones)

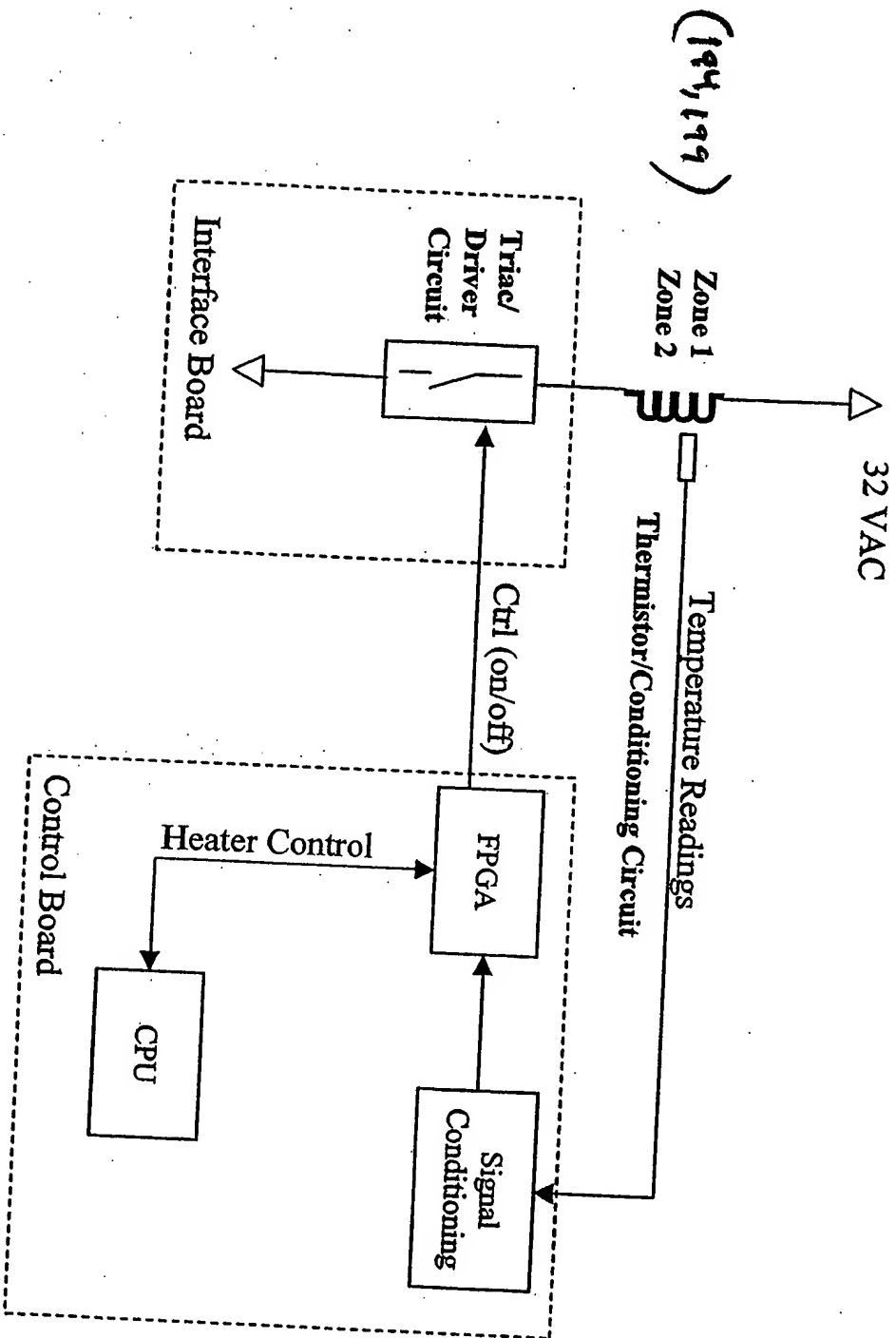


FIG. 194

Chemical Pressure

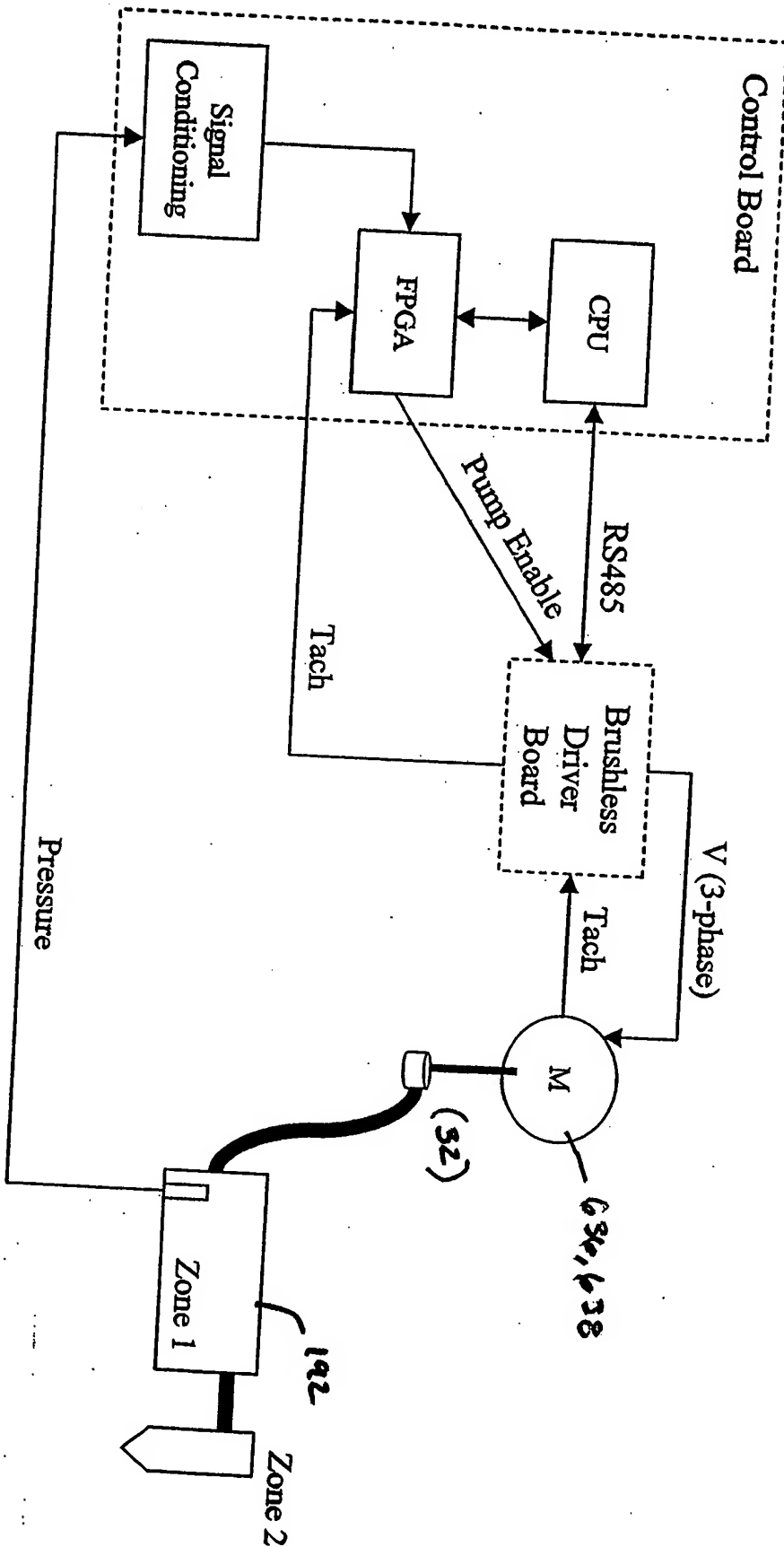


FIG. 195

Solvent System Control

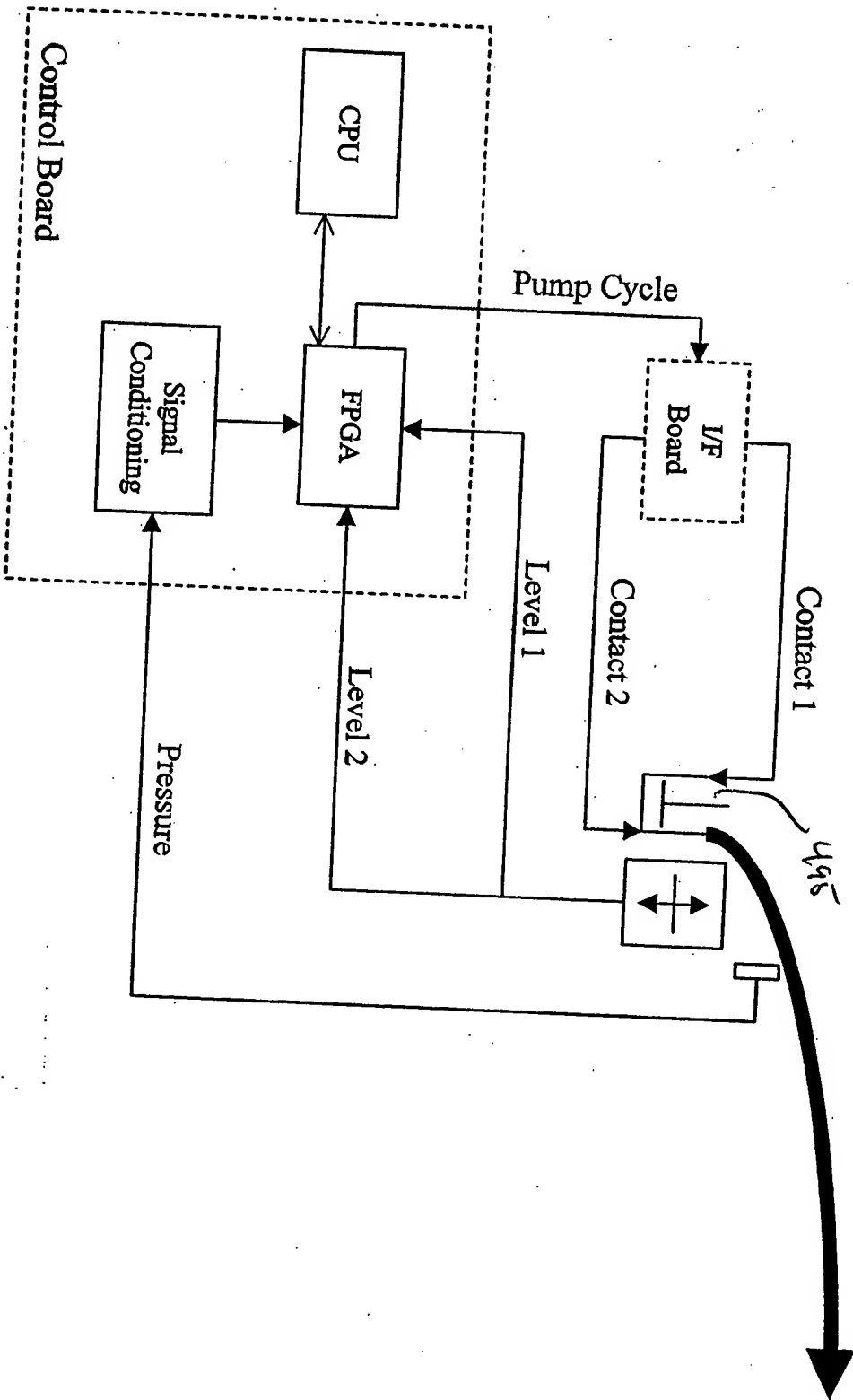
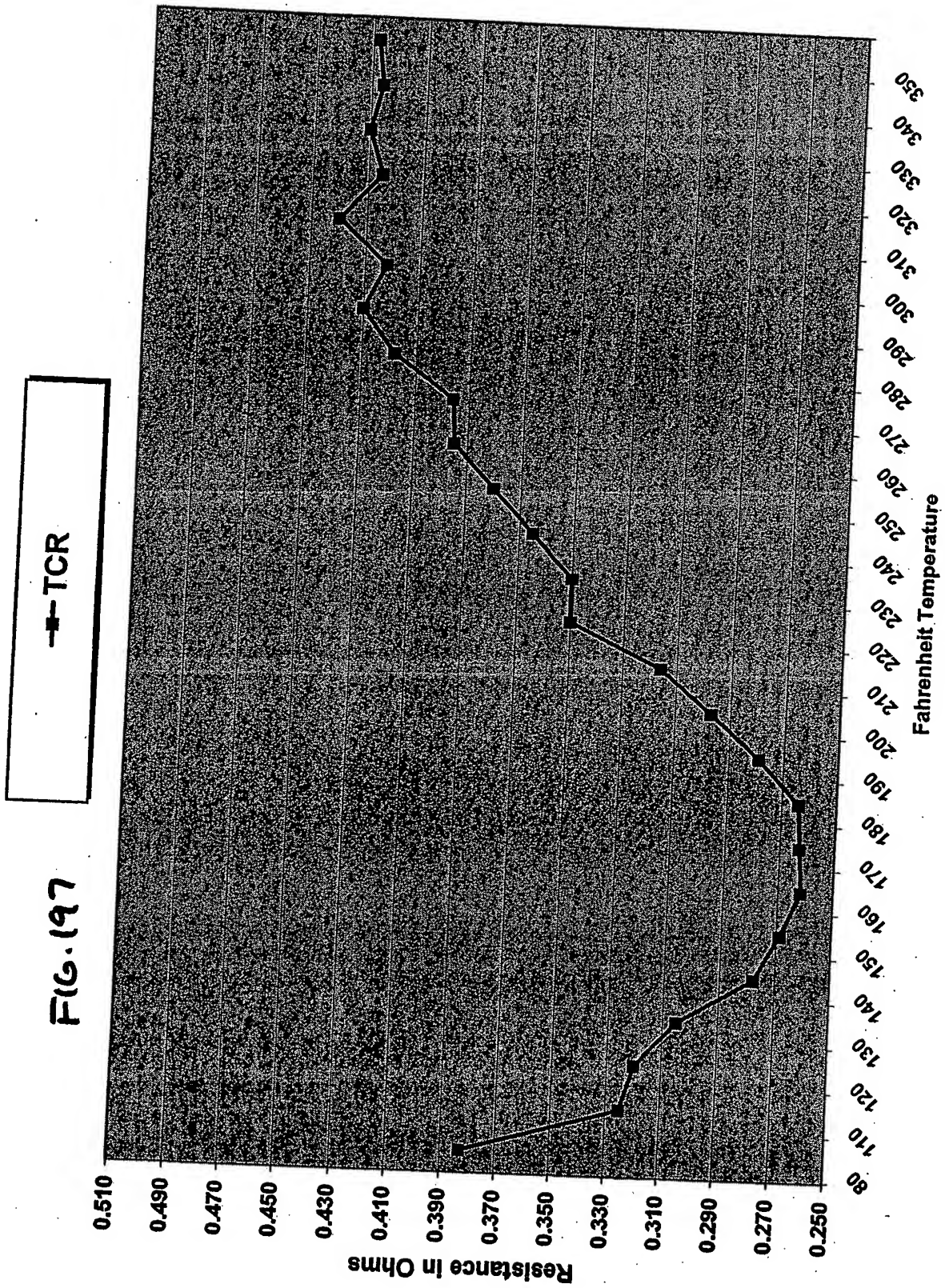


FIG. 196



Film Advance/Tension Motor Tach Ratio

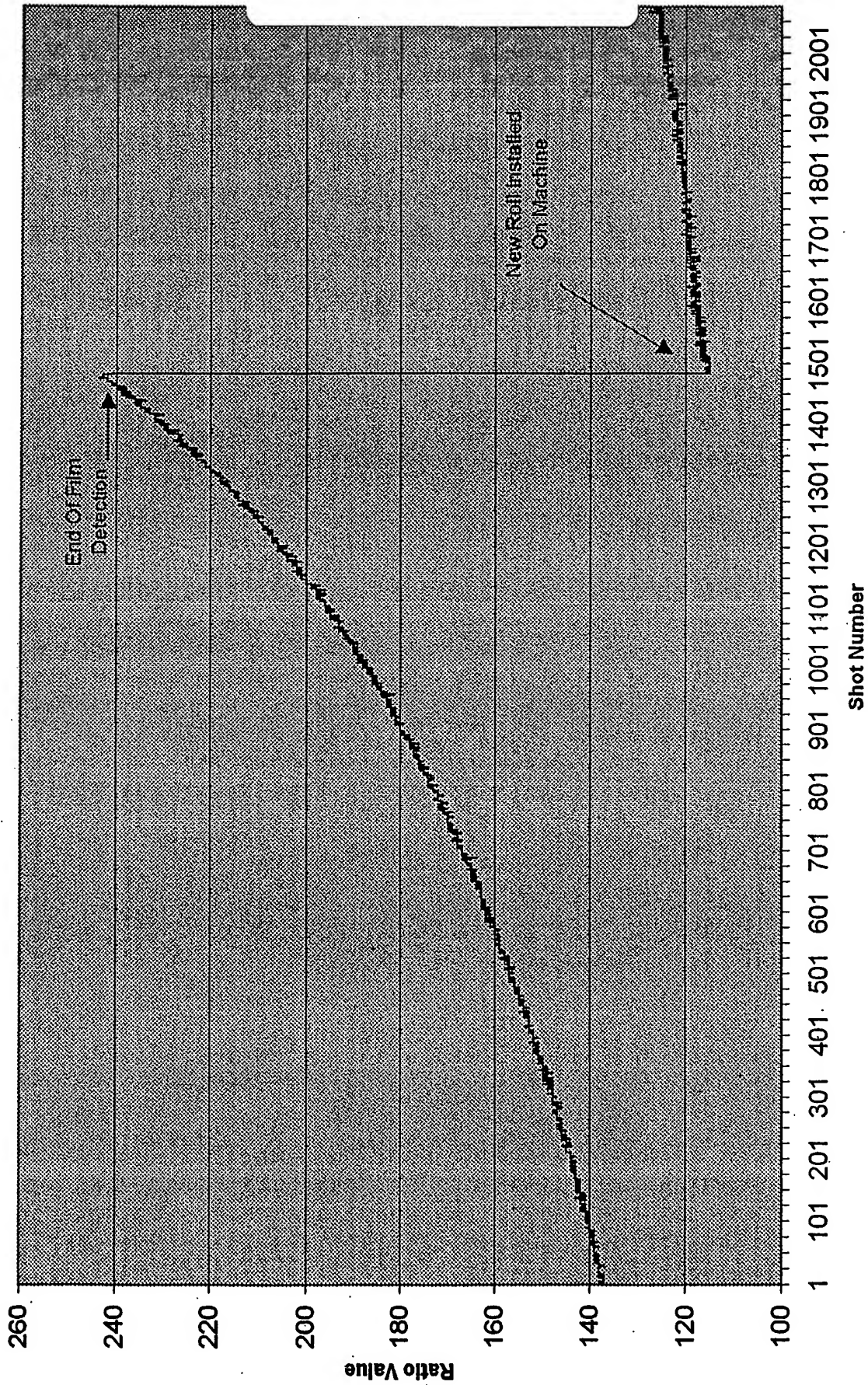


FIG. 198

Replacement Sheet

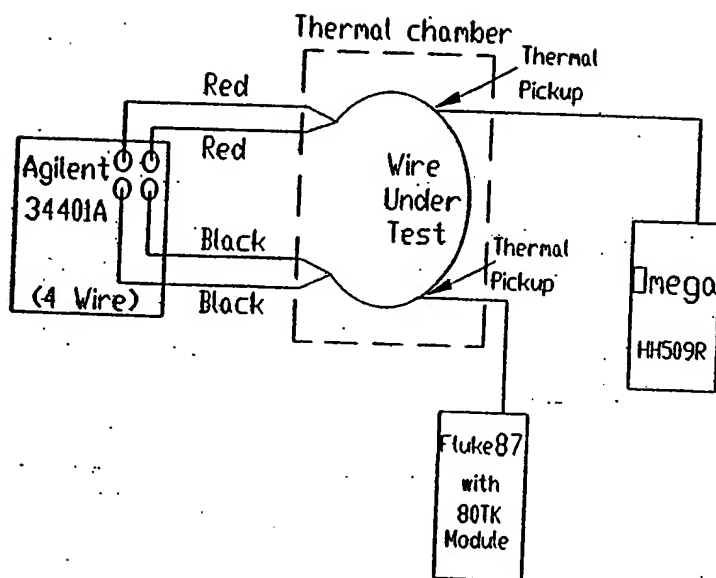


FIG. 199